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1989–90
Comparative Costs and Staffing Report

for College and University Facilities

Published by APPA
Association of Physical Plant Administrators
of Universities and Colleges

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ISSN: 0742-7476
ISBN: 0-913359-56-4

Report Construction/Data Editor: Pieter J. van der Have
APPA Editor: Steve Glazner
Production Manager: Fran Pflieger

Cover Design and Typography: Alexandria Type Company, Inc.
Printing: Graphic Resources

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Foreword

As facilities managers, we all must strive for continual improvement in our service to the teaching and research missions of our higher education institutions. APPA's biennial *Comparative Costs and Staffing Report for College and University Facilities* has been an invaluable reference toward this end. I encourage readers of this report to be in direct contact with fellow facilities managers whose institutions are similar and whose cost or staffing data suggest that they may have a better idea.

Based upon years of experience with this information, however, we strongly caution the reader against drawing conclusions without knowing the mission, organizational structure, funding source, geographic location, and other institutional differences that can greatly condition direct comparability.

I extend my most sincere congratulations to the APPA Information Services Committee for a job well done in producing this most recent edition of *Comparative Costs and Staffing*. Special thanks to Pete van der Have and his staff at the University of Utah are in order. We thank, too, the volunteers and the APPA staff for their contributions, and we thank the many institutional members who responded to our survey, and whose participation makes the report so meaningful and useful.

William D. Middleton
APPA President 1990–91
University of Virginia

Preface

APPA's Information Services Committee is once again pleased to provide the *Comparative Costs and Staffing Report*. The objective is to provide data relating to the various functions classified as maintenance and operations of physical plant. Also included is some raw data relating to energy and utilities. This report provides the most comprehensive comparison of physical plant costs and staffing data available.

The committee collected data during the summer of 1990. The feedback from nearly 400 respondents was reviewed by the regional representatives to the committee, with the intent of eliminating any unreliable data.

As with previous reports, readers should keep in mind that there are many variables in the operation of the physical plant. We therefore strongly suggest comparison of data be made only in conjunction with a reasonable familiarity with the individual institutions being examined.

We would like to thank everyone who took the time to submit information on behalf of their institutions. We also appreciate the time and effort by members of the APPA staff, including Steve Glazner, Wayne Leroy, and Fran Pflieger. Finally, we thank those individuals at the University of Utah who spent many hours entering and compiling the data, specifically Kathy Rushton, Lisa Shields, and Pete van der Have.

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Use of This Report

The format for this report was kept as simple as possible to facilitate its use. The major portion of the report presents all data submitted by all respondents, a slight deviation from the last edition.

One of our goals was to provide reliable information in a way that is more easily accessed. We therefore "cleaned" each data field item for each type of institution for each region. We accomplished this by calculating the average for that group for each data field, identifying a range of plus/minus one standard deviation, and then recalculating the average for that "narrower" range. This process purges the responses at the extreme ends of the response spectrum for that one field. It should therefore provide an acceptable arithmetic mean *for that one data field, based on the institutions that provided data for that field.* This process required more than 15,000 individual calculations using more than 100 subroutines.

The report is divided into nine separate sections. The contents page of each section lists the specific reports contained therein. Following is a brief description of each section.

Summary Charts and Graphs/Statistical Reductions. This includes representations of data, in table format, for each Carnegie classification of institution, and by region, following the purification process described above. The section begins with a two-page summary of the averages across the six main APPA regions, followed by two pages for each region; the first page pertains to general cost and staffing data, and the second page relates to energy.

Graphic representations of the cost-per-square-foot figures are provided following each regional summary. We have grouped these graphs for each Carnegie classification by APPA region: National, Central, Eastern, Midwest, Pacific Coast, Rocky Mountain, and Southeast. (Please note that the Carnegie category "Two Year Community, Junior, and Technical Colleges" is titled "Two Year Community" because of space limitations. The data is comprehensive, however.) We hope that in assembling the information in this way we have provided a more useful tool.

A caveat is appropriate here. Care must be exercised in using the summary data derived through this process. One cannot simply refer to the tables identifying the "average" charges for research institutions in the Rocky Mountain region, for example, and take *all* the data fields to build a "model" institution. The reason is especially apparent in the energy fields. Not all institutions buy coal, *and* oil, *and* natural gas, *and* transportation gas, *and* other resources. Usually it is a mix of only one or two of those resources. The averages shown are based on all responses provided for that field by all respondents in that grouping.

For example, if only one respondent in a region/classification reported using a substantial amount of purchased steam for heating, the mean for that field would be relatively high. Yet, its coal consumption would be low or nonexistent, although the average coal consumption for all others in the same group who responded might be high. Thus, applying both of those figures to a "model" would be unrealistic. This consideration is much less critical in the categories for salaries or costs per square foot, since the majority of the respondents had a figure for most of those data fields.

Summary of Cost Data by FTE Enrollment. These charts summarize some basic costs for each Carnegie classification, across all regions, public and non-public combined, by five ranges of student full-time equivalent enrollment: 0-1,999, 2,000-4,999, 5,000-11,999, 12,000-19,999, and 20,000 and higher.

Index of Reporting Institutions. This includes an alphabetical listing of the reporting institutions (with FTE and GSF), institutions by state or country, and public and non-public institutions by region. Some raw data is included in each.

Profiles of Reporting Institutions.
Costs Per Gross Square Foot.
Wages and Union Affiliations.
Electrical, Natural Gas, Coal, and Other Fuel Costs.
Oil, Water, and Sewer Costs.

These sections include complete listings of all data provided by all respondents. These listings should help the reader analyze information appearing throughout the report. (There were only a few respondents who provided no data whatsoever. They were not included in any part of the data base and will therefore not appear in these listings.) Because of the sheer volume of data provided, a number of individual listings had to be prepared. We printed all the information in the same direction, so that the reader would not have to turn the book back and forth.

Tables 2 through 6 provide information grouped by region first, with subordinate groupings by Carnegie classification. No calculations are performed on any of the data in these tables. In each of these tables, Table x-A provides data relating to public institutions, and Table x-B provides data relating to non-public institutions.

Appendix. This simply provides the original survey instrument and the instruction booklet that were sent to all potential respondents.

In spite of the tremendous amount of data within these pages, we feel the format of the presentation lends itself to ease of reading and interpretation. We hope that the reader finds the information useful. Although we strongly discourage using any of this information to show that "we're better than the next school," we expect that in certain cases the report may help to identify areas where an organization could become more effective and efficient in its operations.

Carnegie Classifications

The following are descriptions of the primary institutional classifications as defined by the Carnegie Foundation for the Advancement of Teaching.

Research Universities:
These institutions offer a full range of baccalaureate programs, are committed to graduate education through the doctorate degree, and give high priority to research.

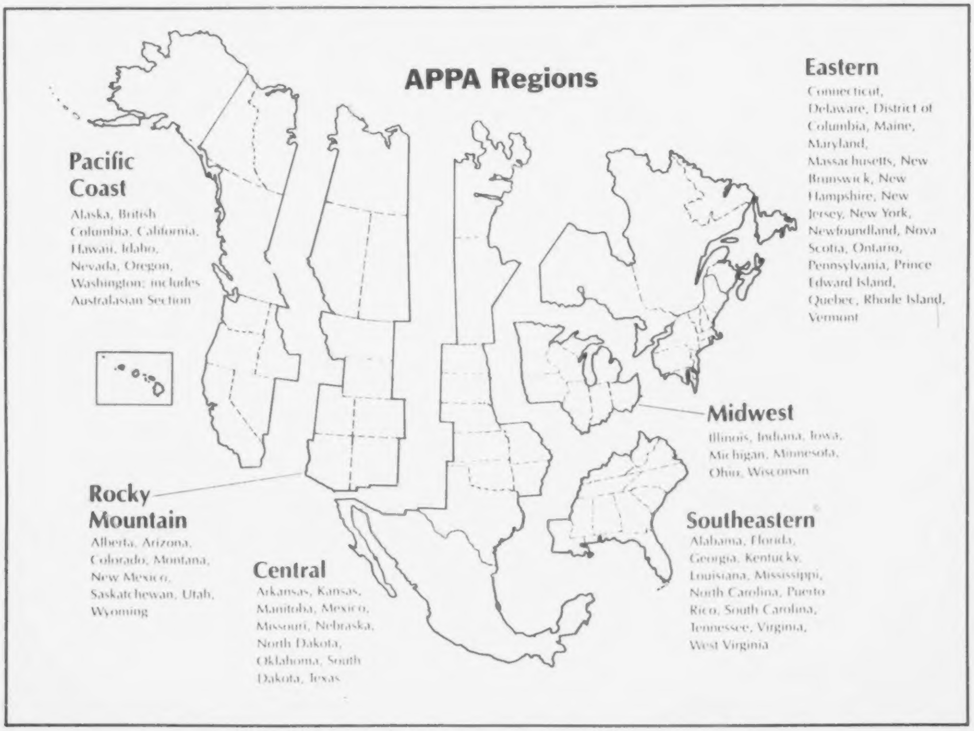
Doctorate-Granting Universities:
In addition to offering a full range of baccalaureate programs, the mission of these institutions includes a commitment to graduate education through the doctorate degree.

Comprehensive Universities and Colleges:
These institutions award more than half of their baccalaureate degrees in two or more occupational or professional disciplines, such as engineering or business administration, and may also offer graduate education through the master's degree.

Liberal Arts Colleges:
These institutions are primarily undergraduate colleges that award more than half of their baccalaureate degrees in arts and science fields.

Two-Year Community, Junior, and Technical Colleges:
These institutions offer certificate or degree programs through the Associate of Arts level and, with few exceptions, offer no baccalaureate degrees.

Professional/Special Schools:
These institutions provide specialized degrees and include medical schools and medical centers, which award most of their professional degrees in medicine.


APPA Regions
Eastern
Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Brunswick, New Hampshire, New Jersey, New York, Newfoundland, Nova Scotia, Ontario, Pennsylvania, Prince Edward Island, Quebec, Rhode Island, Vermont
Pacific Coast
Alaska, British Columbia, California, Hawaii, Idaho, Nevada, Oregon, Washington; includes Australasian Section
Midwest
Illinois, Indiana, Iowa, Michigan, Minnesota, Ohio, Wisconsin
Rocky Mountain
Alberta, Arizona, Colorado, Montana, New Mexico, Saskatchewan, Utah, Wyoming
Southeastern
Alabama, Florida, Georgia, Kentucky, Louisiana, Mississippi, North Carolina, Puerto Rico, South Carolina, Tennessee, Virginia, West Virginia
Central
Arkansas, Kansas, Manitoba, Mexico, Missouri, Nebraska, North Dakota, Oklahoma, South Dakota, Texas

SUMMARY CHARTS AND GRAPHS/ STATISTICAL REDUCTIONS

National *3*
Regional
  Central *6*
  Eastern *14*
  Midwest *22*
  Pacific Coast *30*
  Rocky Mountain *38*
  Southeastern *46*
Australian *54*
International *56*

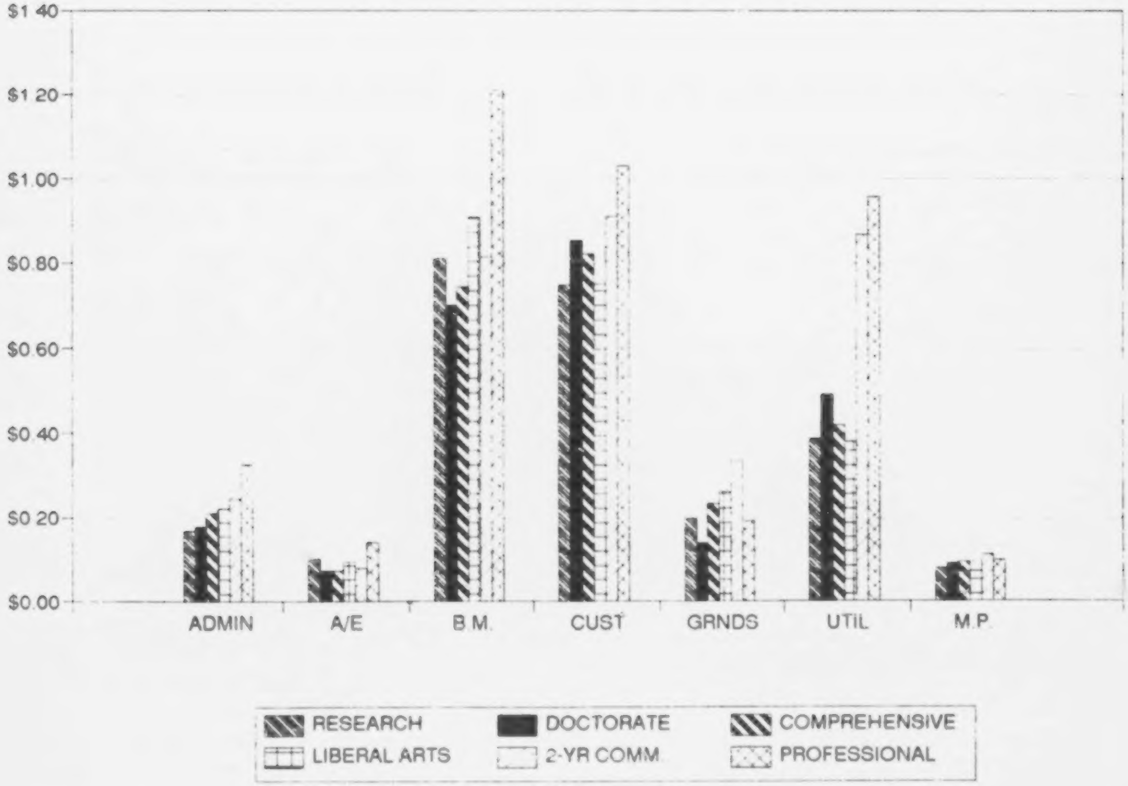
APPA COMPARATIVE COST & STAFFING SURVEY
National Statistical Reduction

INSTITUTION TYPE	Research	Doctorate Granting	Comprehensive	Liberal Arts	Two-Year College	Professional	Other
	1	2	3	4	5	6	7
COST PER GSF							
ADMIN	0.984	0.178	0.208	0.219	0.243	0.325	
ENG/ARCH	0.101	0.071	0.073	0.094	0.079	0.140	
BLDG MAINT	0.807	0.700	0.742	0.908	0.815	1.212	0.650
CUSTODIAL	0.745	0.851	0.819	0.750	0.909	1.029	1.720
GROUNDS	0.195	0.138	0.233	0.259	0.334	0.194	
UTILITIES	0.388	0.491	0.417	0.380	0.866	0.955	1.270
MOTOR POOL	0.080	0.089	0.095	0.073	0.108	0.098	
OTHER 1	0.274	0.140	0.273	0.094	0.278	0.403	
OTHER 2	0.214	0.076	0.156	0.115	0.160	0.573	
OTHER 3	0.383	0.057	0.195	2.000	0.400	0.087	
MISC. COST							
BENEFTIS PERCENT	24.958	23.783	25.050	23.516	22.572	26.396	
DEF MAINT BUDGET	2,231,836	1,601,709	398,174	426,822	312,122	418,314	
CRDM OUTSTANDING	35,464,253	15,684,826	7,425,963	2,440,715	9,818,604	5,421,848	
SALARY INFORMATION							
PHYS PLT C.E.O.	62,681	54,346	47,743	44,808	37,315	52,043	
ASSISTANT	46,915	42,832	37,154	33,122	31,255	44,276	
ENGINEER/ARCH	42,238	39,888	36,362	31,676	33,553	38,934	
SUPERINTENDENT	37,471	35,144	32,022	31,173	28,877	35,368	
SUPERVISOR	27,961	29,157	25,482	29,659	23,816	26,393	
ELECTRICIAN	24,964	24,892	23,080	22,920	22,920	21,038	
PLUMBER	24,645	24,696	22,023	22,801	22,051	22,215	
CARPENTER	22,835	22,176	21,366	21,027	21,174	20,936	
PAINTER	22,130	22,202	20,846	19,769	18,891	19,722	
GROUNDSKEEPER	14,509	15,780	15,071	15,122	15,653	14,060	
LABORER	14,351	15,236	14,831	14,657	13,949	13,303	
CUSTODIAN	13,344	14,960	13,023	12,038	13,669	13,642	
HVAC TEC	24,485	22,892	18,397	28,523	23,304	21,232	
PROGRAMMER	25,473	22,555	22,179	20,515	20,077	26,883	
SUPPORT STAFF	15,204	15,528	14,831	15,612	16,145	16,449	
GEN MAINT	17,993	18,036	17,627	18,491	17,442	17,664	
TECHNICIAN	21,643	22,793	20,099	23,782	20,458	19,530	

APPA COMPARATIVE COST & STAFFING SURVEY
National Statistical Reduction

INSTITUTION TYPE	Research	Doctorate Granting	Compre-hensive	Liberal Arts	Two-Year College	Profes-sional	Other
	1	2	3	4	5	6	7
ENERGY, ETC							
ELECTRICITY:PURCH	86,910,491	48,978,616	18,035,336	12,624,009	5,909,795	33,307,458	9,323,790
ELECTRICAL COSTS	4,620,932	2,201,042	881,062	627,627	406,160	1,950,737	485,657
ELECTR CO-GEN KWH	43,206,561	10,942,377	3,089,153	646,600	9,461,868	3,550,359	
ELECTR CO-GEN COSTS	1,862,225	449,314	122,196	41,345	316,282	473,005	
UTL GAS PURCH MCF	336,403	224,218	168,760	51,448	50,597	501,146	33,902
UTL GAS COSTS	726,302	814,361	287,917	167,004	112,388	332,967	153,635
TRANS GAS MCF	474,884	261,803	212,417	51,265	114,771	264,041	
TRANS GAS COSTS	784,444	355,640	350,159	131,689	115,775	555,601	
GAS COST AT SOURCE	1,329,034	401,786	486,198	126,155	82,280	419,440	
TRANSPORTATION COST	215,217	82,364	128,953	32,839	21,677	169,303	
OIL GRADE 2:PURCH GAL	68,268	30,701	34,599	39,558	43,498	30,739	3,892
OIL GRADE 2:COST	59,681	17,027	22,960	25,403	28,864	19,417	4,043
OIL GRADE 4:PURCH GAL	28,440		47,840	15,959	65,000		
OIL GRADE 4:COST	19,155		52,115	9,559	32,924		
OIL GRADE 5:PURCH GAL	292,313		33,667	428,524		4,139,037	
OIL GRADE 5:COST	148,638		16,776	114,324		1,187,022	
OIL GRADE 6:PURCH GAL	390,809	373,315	558,577	474,656	24,295	199,311	
OIL GRADE 6:COST	173,097	149,549	319,498	215,939	14,920	395,755	
OIL,OTH TYPES:PURCH GAL	9,309	94,000	9,321	2,300	9,561		
OIL,OTH TYPES:COST	14,212	72,700	8,016	2,599	8,083		
COAL:PURCH TONS	50,141	13,736	7,981	4,234	3,389	15,825	
COAL:COSTS	1,981,034	443,977	368,567	200,178	119,675	822,900	
SOURCE #1:PURCH	252,941	76,938	977,637	22,942	23,906	112,436,308	
SOURCE #1:COSTS	202,095	327,590	173,606	124,450	108,524	1,424,513	
SOURCE #2:PURCH	1,956,722		92,111			111,804	
SOURCE #2:COSTS	837,732		443,790		36,389	328,480	
WATER CCF	3,353,717	6,813,809	836,229	424,896	217,450	829,270	
WATER COSTS	414,330	185,650	82,796	67,217	25,762	213,166	
SEWER CCF	747,487	10,920,289	1,070,528	79,353	168,550	736,233	
SEWER COSTS	408,081	151,179	103,644	48,318	20,552	239,315	
WATER & SEWER CCF	1,214,016	2,851,884	1,122,020	485,533	3,151,688	8,370,598	16,670
WATER & SEWER COSTS	67[illegible],285	293,764	119,073	104,791	33,513	245,159	18,506

COSTS PER SQUARE FOOT--ALL REGIONS
BY CARNEGIE CLASSIFICATION



APPA COMPARATIVE COST & STAFFING SURVEY
Statistical Reduction by Region

CENTRAL REGION

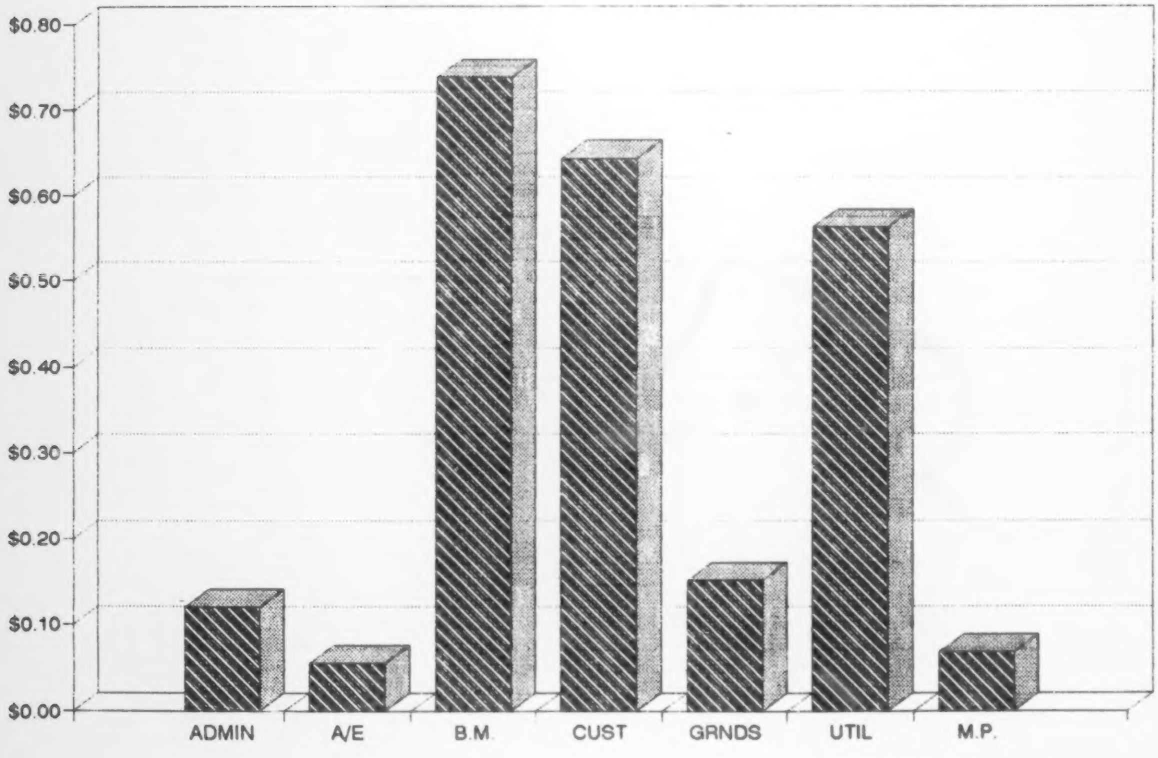
INSTITUTION TYPE	Research	Doctorate Granting	Compre- hensive	Liberal Arts	Two-Year College	Profes- sional	Other
	1	2	3	4	5	6	7
COST PER GSF							
ADMIN	0.120	0.142	0.134	0.127	0.184	0.289	
ENG/ARCH	0.055	0.028	0.062		0.021	0.064	
BLDG MAINT	0.737	0.584	0.618	0.817	0.729	0.778	
CUSTODIAL	0.642	0.665	0.671	0.425	0.727	1.023	
GROUNDS	0.152	0.14	0.197		0.429	0.129	
UTILITIES	0.563	1.061	0.241		1.799	0.587	
MOTOR POOL	0.067	0.038	0.051	0.037	0.19	0.041	
OTHER 1	0.058	0.171	0.051		0.11	0.387	
OTHER 2	0.042	0.044				0.126	
OTHER 3	1.610	0.019				0.056	
MISC. COSTS							
BENEFITS PERCENT	23.500	24.1	21	20	16	25.7	
DEF MAINT BUDGET	1,814,444	644,277	552,000	657,517	52,165	359,500	
CRDM OUTSTANDING	20,630,560	21,712,895	5,868,000		1,005,248	7,304,198	
SALARY INFORMATION							
PHYS PLT C.E.O.	58,476	37,702	44,699	53,500	36,384	57,800	
ASSISTANT	47,647	38,103	31,875	39,000	32,580	46,556	
ENGINEER/ARCH	40,528	36,393	34,257		32,848	39,733	
SUPERINTENDENT	36,706	25,988	27,263		24,118	36,392	
SUPERVISOR	23,263	19,135	22,322	24,000	21,218	26,847	
ELECTRICIAN	20,913	17,230	18,321	24,000	18,370	20,864	
PLUMBER	20,121	16,195	17,201	23,000	18,370	20,443	
CARPENTER	19,520	16,470	16,479	21,175	17,637	19,943	
PAINTER	17,616	15,578	15,633	20,675	18,206	18,359	
GROUNDSKEEPER	12,542	10,966	11,628	10,000	15,152	12,312	
LABORER	11,074	10,385	11,060	12,225	12,698	11,789	
CUSTODIAN	11,234	10,132	10,303	11,440	12,338	11,201	
HVAC TECH	20,341	17,532	18,344	23,750	21,418	19,616	
PROGRAMMER	26,823	17,184	16,000		21,218	22,748	
SUPPORT STAFF	13,455	12,327	12,842	16,300	14,261	14,267	
GEN MAINT	15,255	14,185	14,194	19,675	13,120	17,004	
TECHNICIAN	18,879	17,592	15,333	22,000	20,675	18,325	

APPA COMPARATIVE COST & STAFFING SURVEY
Statistical Reduction by Region

CENTRAL REGION

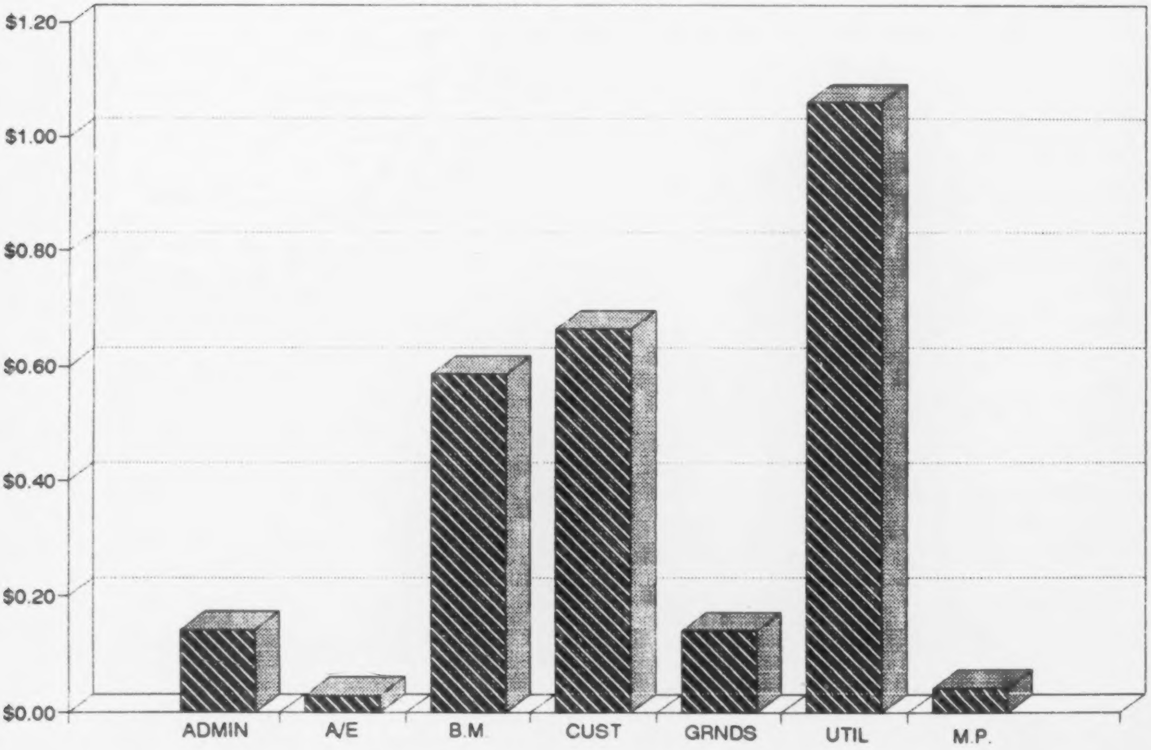
INSTITUTION TYPE	Research	Doctorate Granting	Compre-hensive	Liberal Arts	Two-Year College	Profes-sional	Other
	1	2	3	4	5	6	7
ENERGY, ETC							
ELECTRICITY:PURCH	46,263,337	44,084,425	15,798,695	21,196,658	4,878,298	55,653,066	
ELECTRICAL COSTS	1,855,484	1,459,597	700,744	986,610	353,098	2,592,403	
ELECTR CO-GEN KWH	123,850,329	18,010,840	828,900				
ELECTR CO-GEN COSTS	6,712,620	522,000					
UTL GAS PURCH MCF	284,199	70,320	46,838	38,725	12,079	74,424	
UTL GAS COSTS	714,070	211,800	87,426	161,673	54,257	204,819	
TRANS GAS MCF	935,705	251,429	91,937			503,957	
TRANS GAS COSTS	752,510	283,977	184,114			1,081,560	
GAS COST AT SOURCE	4,755,988	401,786	129,328			790,398	
TRANSPORTATION COST	237,962	82,364	62,652			291,162	
OIL GRADE 2:PURCH GAL	3,133	26,200	15,716			6,700	
OIL GRADE 2:COST	2,491	19,687	10,266			4,273	
OIL GRADE 4:PURCH GAL			34,573				
OIL GRADE 4:COST			13,795				
OIL GRADE 5:PURCH GAL	123,841		13,152				
OIL GRADE 5:COST	41,511		5,392				
OIL GRADE 6:PURCH GAL	824,684	863,500	67,482				
OIL GRADE 6:COST	289,654	313,300	26,246				
OIL,OTH TYPES:PURCH GAL							
OIL,OTH TYPES:COST							
COAL:PURCH TONS	91,100	27,320	9,784				
COAL: COSTS	2,915,672	661,468	317,002				
SOURCE #1:PURCH	1,229,070	1,910	4,736,190			17,302,946	
SOURCE #1:COSTS	216,136	1,656	761,861			1,129,536	
SOURCE #2:PURCH	466,384		56,397			111,804	
SOURCE #2:COSTS	1,620,926		589,469			328,480	
WATER CCF	13,919,372	192,804	64,061		20,026	166,337	
WATER COSTS	388,030	79,984	56,403		24,318	790,050	
SEWER CCF	254,266	599,500	3,083,588		20,174	136,158	
SEWER COST	241,877	107,011	41,212		17,560	106,364	
WATER & SEWER CCF	3,778,152	13,893,768	58,616	100,602	46,284	39,984,927	
WATER & SEWER COST	319,418	485,275	43,088	146,534	20,583	515,636	

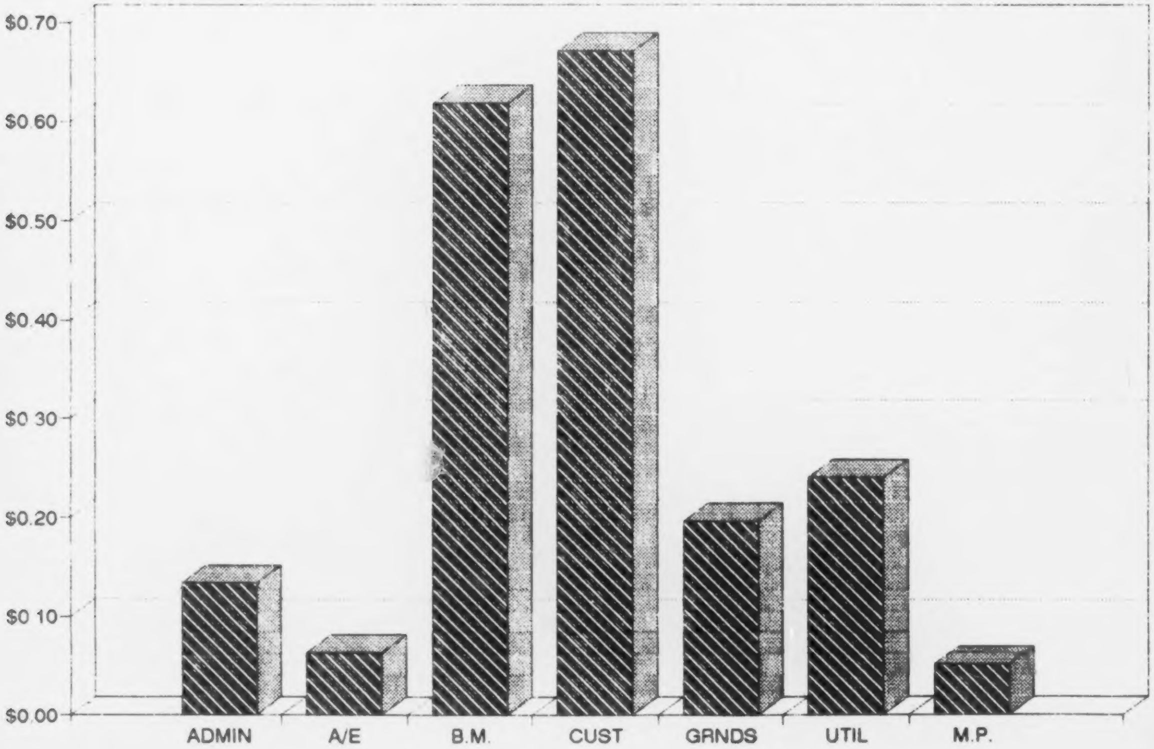
COSTS PER SQUARE FOOT
CENTRAL REGION--RESEARCH



COSTS PER SUQARE FOOT

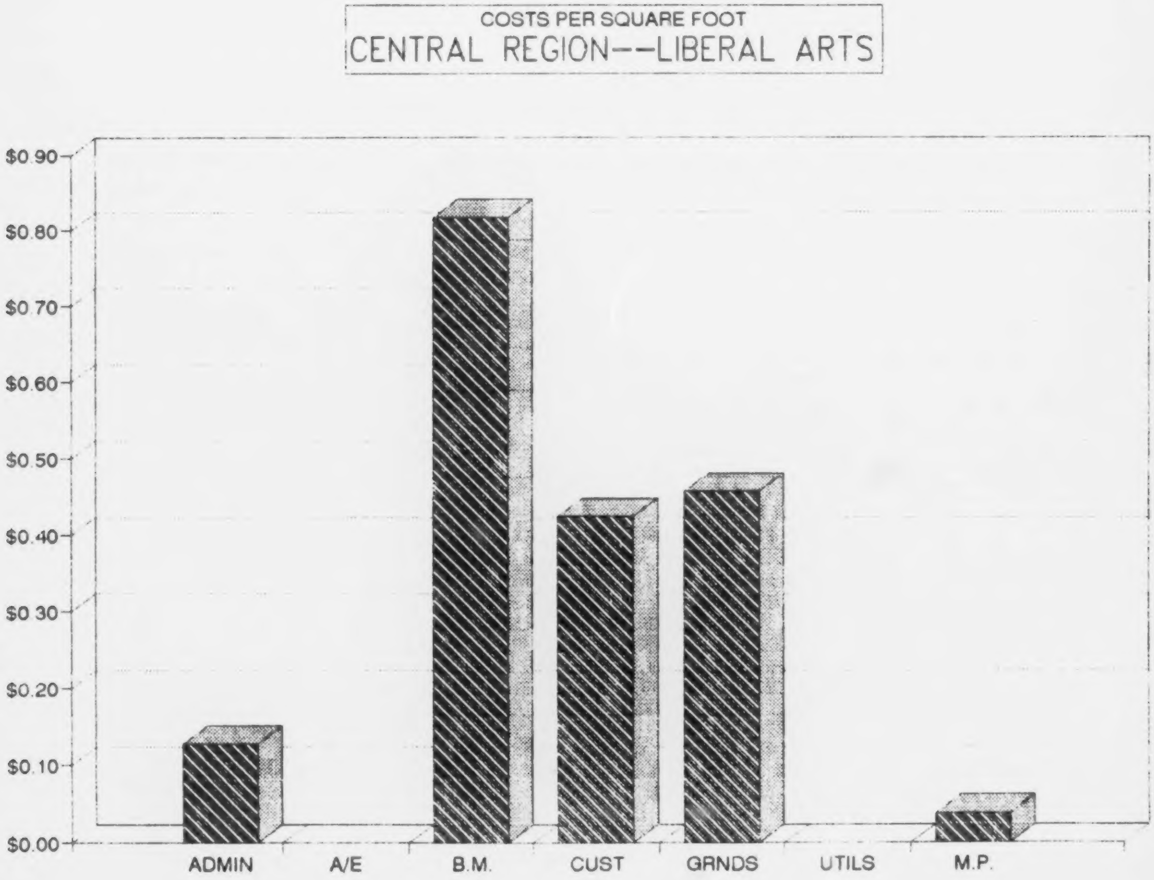
CENTRAL REGION--DOCTORATE





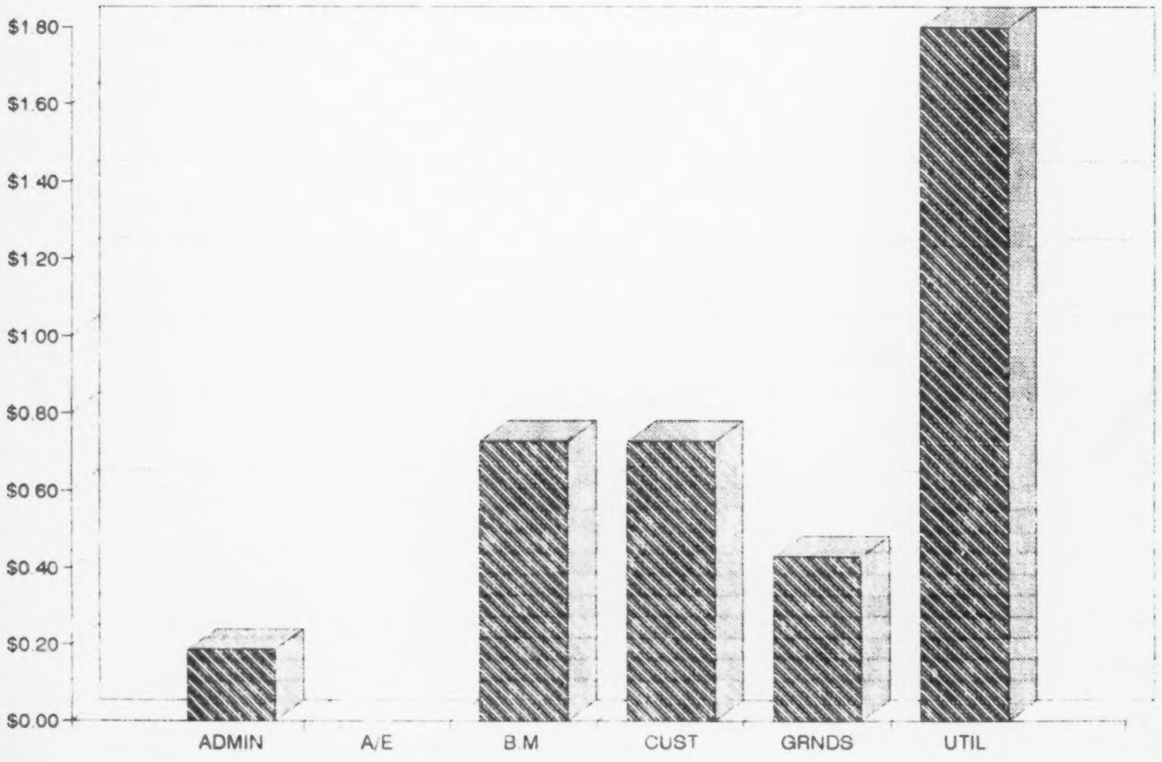
COSTS PER SQUARE FOOT

CENTRAL REGION--COMPREHENSIVE

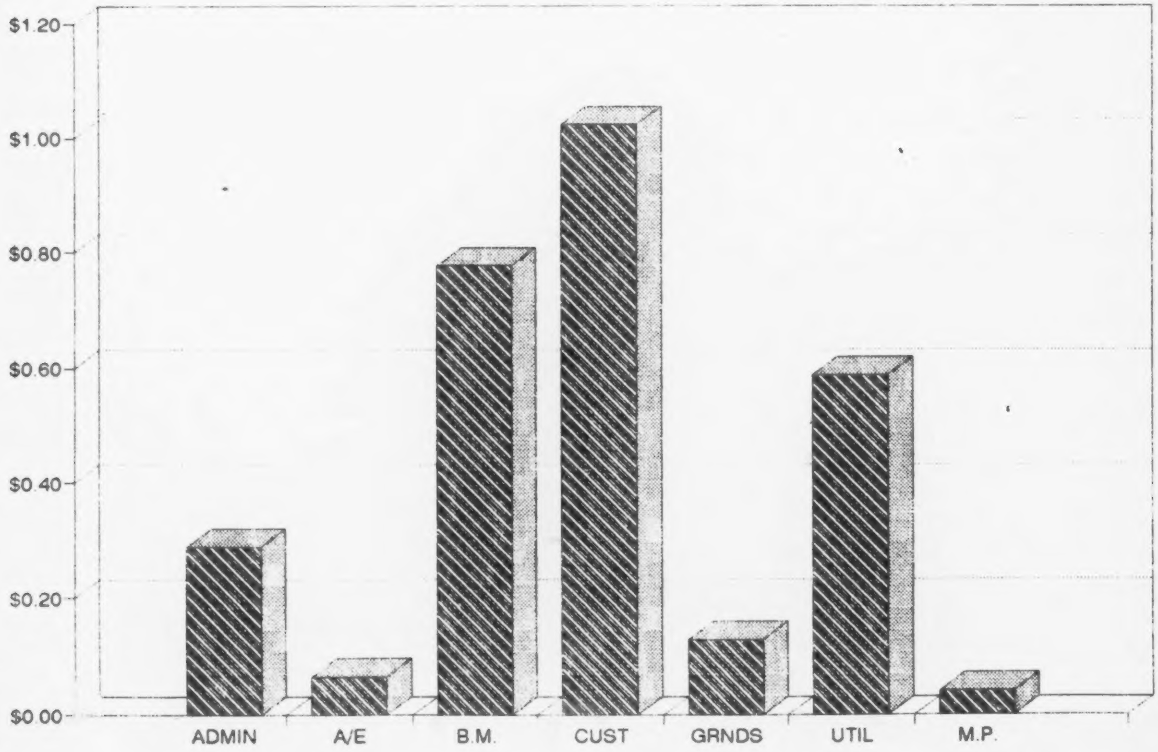

COSTS PER SQUARE FOOT
CENTRAL REGION--LIBERAL ARTS
$0.90
$0.80
$0.70
$0.60
$0.50
$0.40
$0.30
$0.20
$0.10
$0.00
ADMIN
A/E
B.M.
CUST
GRNDS
UTILS
M.P.

COSTS PER SQUARE FOOT

CENTRAL REGION--TWO YEAR COMMUNITY



COSTS PER SQUARE FOOT
CENTRAL REGION--PROFESSIONAL SCHOOLS



APPA COMPARATIVE COST & STAFFING SURVEY
Statistical Reduction by Region

EASTERN REGION

INSTITUTION TYPE	Research 1	Doctorate Granting 2	Comprehensive 3	Liberal Arts 4	Two-Year College 5	Professional 6	Other 7
COST PER GSF							
ADMIN	0.179	0.339	0.25	0.248	0.294	0.332	
ENG/ARCH	0.174	0.131	0.089	0.051	0.14	0.256	
BLDG MAINT	0.988	0.856	0.994	1.089	0.904	2.308	0.65
CUSTODIAL	0.985	1.295	1.137	0.944	1.033	1.56	1.72
GROUNDS	0.234	0.153	0.286	0.28	0.324	0.163	
UTILITIES	0.326	0.23	0.854	0.194	1.16	2.179	1.27
MOTOR POOL	0.087		0.126	0.088	0.113	0.131	
OTHER 1	0.910		0.426	0.069	0.538	0.168	
OTHER 2	0.890		0.129	0.211	0.096	0.73	
OTHER 3			0.018	2			
MISC. COSTS							
BENEFITS PERCENT	26.660	16.4	25.685	26.66	23.338	24.833	
DEF MAINT BUDGET	2,449,918	4,402,000	556,259	675,894	292,664	863,333	
CRDM OUTSTANDING	24,584,720		12,464,941	3,515,543	2,806,880	6,166,667	
SALARY INFORMATION							
PHYS PLT C.E.O.	67,982	80,000	52,520	44,667	41,413	75,600	
ASSISTANT	49,646	55,000	39,035	33,000	29,733	55,667	
ENGINEER/ARCH	44,638	48,020	38,679	32,700	45,971	52,409	
SUPERINTENDENT	41,688	48,020	34,000	29,875	26,690	49,750	
SUPERVISOR	30,787	42,690	25,572	25,031	22,558	33,086	
ELECTRICIAN	28,488	36,818	22,422	22,258	24,135	24,588	
PLUMBER	27,766	36,818	21,202	21,693	24,140	25,485	
CARPENTER	26,463	24,320	18,926	21,938	20,283	25,485	
PAINTER	24,773	31,284	17,622	18,550	19,500	22,800	
GROUNDSKEEPER	19,123	25,418	15,191	16,910	16,067	17,000	
LABORER	18,512		14,347	13,667	13,609	18,600	
CUSTODIAN	17,703	25,376	13,532	13,442	13,256	16,603	
HVAC TECH	27,429		19,762	22,180	23,503	24,688	
PROGRAMMER	26,557		22,543	18,720	17,050	29,691	
SUPPORT STAFF	16,138	18,173	15,921	16,252	16,375	19,078	
GEN MAINT	21,012		17,466	16,777	18,788	18,067	
TECHNICIAN	25,287		20,284	18,351	28,000	20,817	

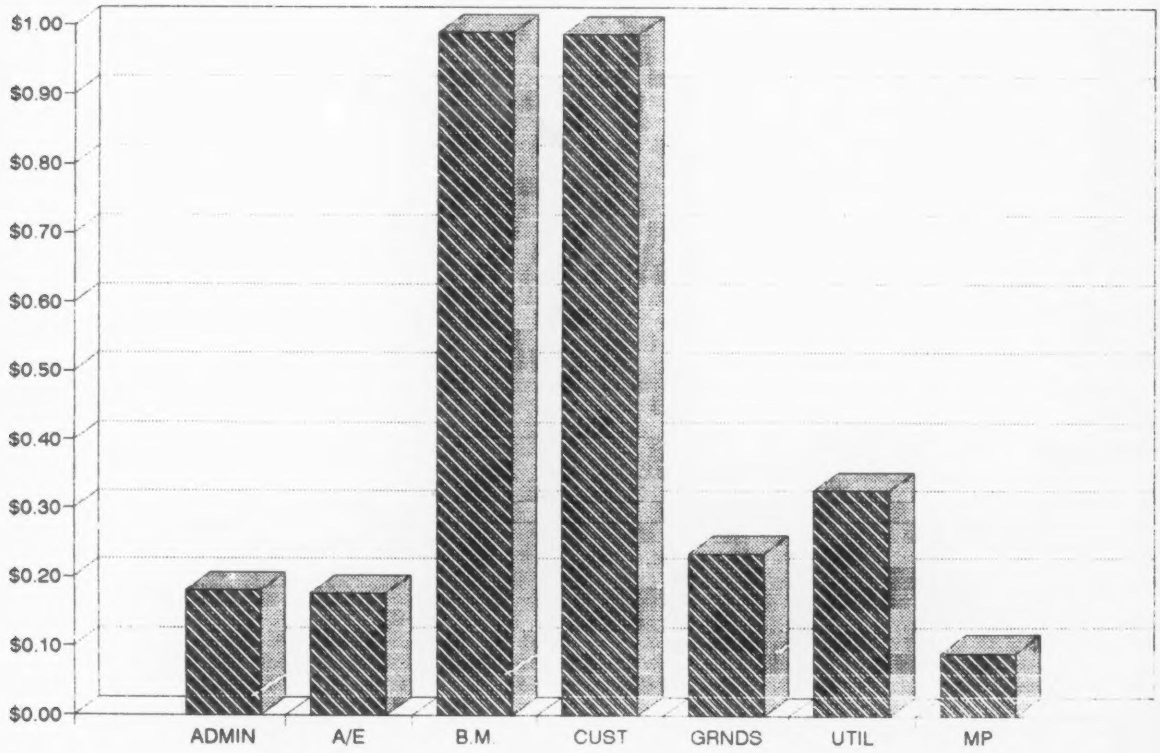
APPA COMPARATIVE COST & STAFFING SURVEY
Statistical Reduction by Region

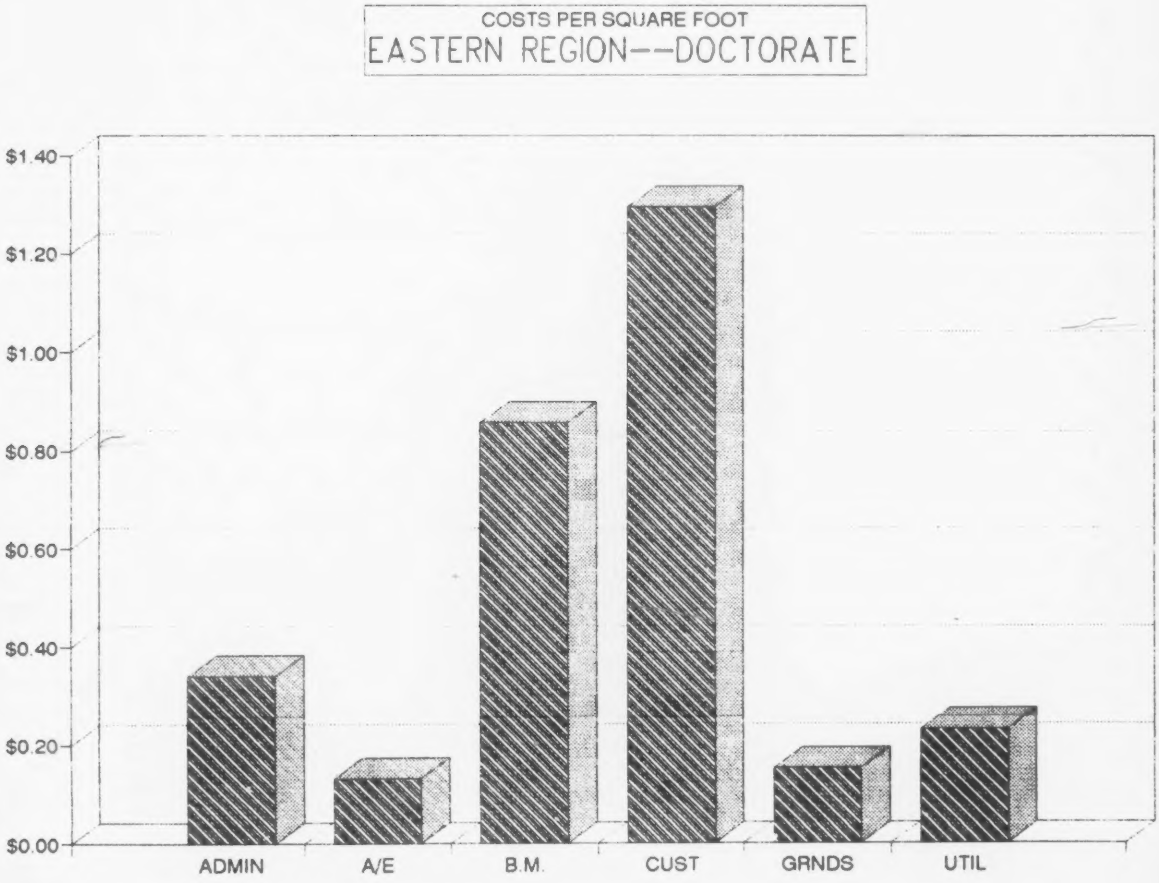
EASTERN REGION

INSTITUTION TYPE	Research 1	Doctorate Granting 2	Comprehensive 3	Liberal Arts 4	Two-Year College 5	Professional 6	Other 7
ENERGY, ETC							
ELECTRICITY:PURCH	77,848,941	76,140,817	25,823,482	7,751,390	6,862,759	57,537,011	9,323,790
ELECTRICAL COSTS	4,571,158	3,632,444	1,457,556	542,494	450,378	4,226,946	485,657
ELECTR CO-GEN KWH	10,203,134	3,928,400	989,718	1,043,200		3,734,000	
ELECTR CO-GEN COSTS	230,174	187,385	10,752	41,345		473,005	
UTL GAS PURCH MCF	442,197	622,615	37,405	62,852	21,670	117,223	33,902
UTL GAS COSTS	1,194,166	1,958,099	182,462	144,680	134,703	163,277	153,635
TRANS GAS MCF	202,159		231,975	18,462	283,635		
TRANS GAS COSTS	296,049		608,309	67,200	99,270		
GAS COST AT SOURCE	127,920		497,287	59,100			
TRANSPORTATION COST	65,892		241,191	21,300			
OIL GRADE 2:PURCH GAL	177,065	1,062	64,103	67,312	25,460	9,002	3,892
OIL GRADE 2:COST	145,965	1,477	52,000	43,310	19,109	6,194	4,043
OIL GRADE 4:PURCH GAL	44,286		126,248	25,917	65,000		
OIL GRADE 4:COST	29,780		81,926	14,197	32,924		
OIL GRADE 5:PURCH GAL				794,973		4,139,037	
OIL GRADE 5:COST				197,496		2,276,471	
OIL GRADE 6:PURCH GAL	703,974	3,560	941,593	451,784	15,000	631,645	
OIL GRADE 6:COST	326,608	2,185	650,498	230,821	12,000	380,192	
OIL,OTH TYPES:PURCH GAL							
OIL,OTH TYPES:COST							
COAL:PURCH TONS	56,484		12,171	1,180	2,710		
COAL: COSTS	2,146,220		705,026	55,121	105,022		
SOURCE #1:PURCH	45,343	30	2,267	13,652		319,990,250	
SOURCE #1:COSTS	113,804	1,253	45,246	9,336		3,132,108	
SOURCE #2:PURCH	73,281		7,372				
SOURCE #2:COSTS	39,390		7,842				
WATER CCF	2,036,560	840,230	70,051	52,559	156,869	1,633,338	
WATER COSTS	454,815	437,882	137,984	52,034	24,325	74,076	
SEWER CCF	771,546		93,120	47,020	20,815	2,514,195	
SEWER COST	556,282		131,712	63,076	37,100	79,502	

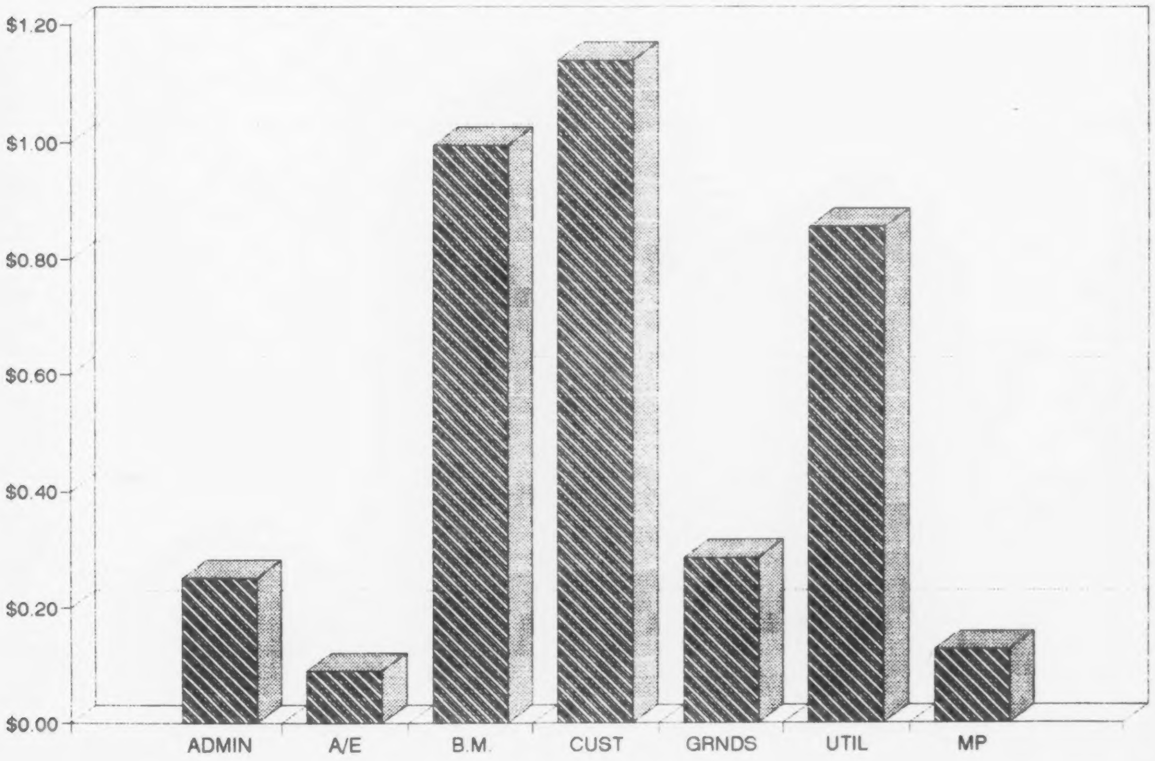
COSTS PER SQUARE FOOT

EASTERN REGION--RESEARCH



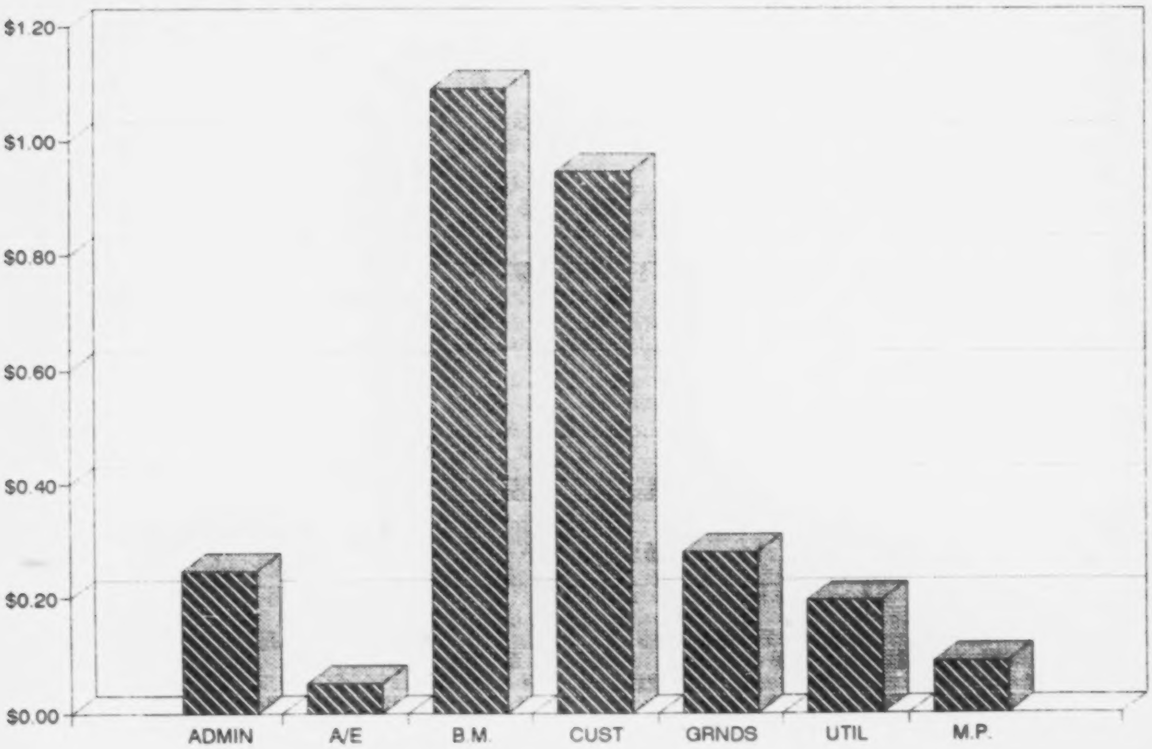

COSTS PER SQUARE FOOT
EASTERN REGION--DOCTORATE
$1.40
$1.20
$1.00
$0.80
$0.60
$0.40
$0.20
$0.00
ADMIN
A/E
B.M.
CUST
GRNDS
UTIL

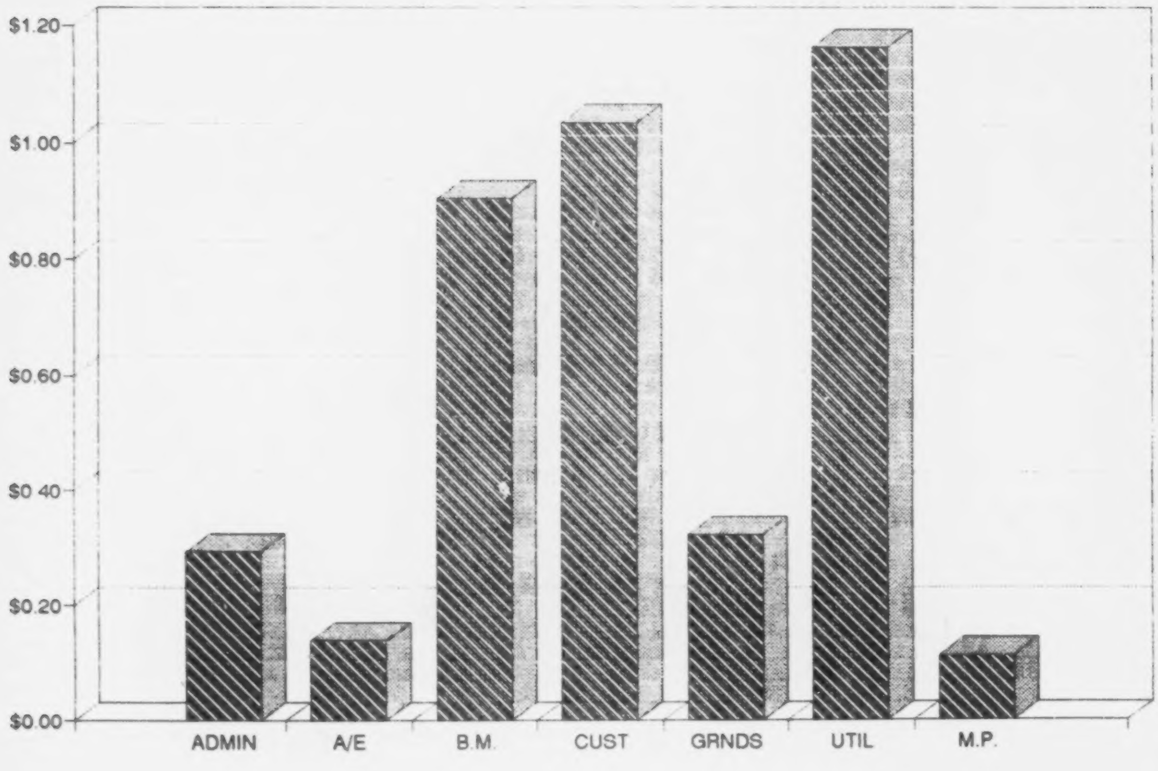
COSTS PER SQUARE FOOT
EASTERN REGION--COMPREHENSIVE



COSTS PER SQUARE FOOT

EASTERN REGION--LIBERAL ARTS

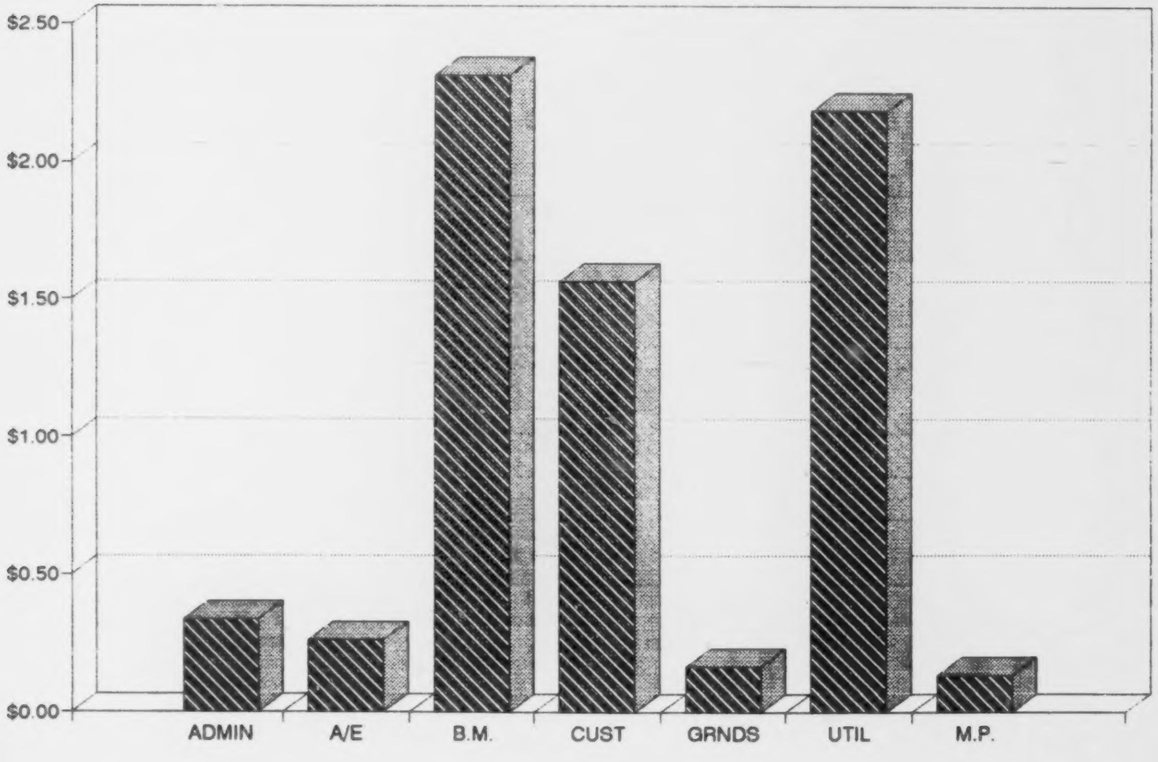




COSTS PER SQUARE FOOT
EASTERN REGION--TWO YEAR COMMUNITY

COSTS PER SQUARE FOOT

EASTERN REGION--PROFESSIONAL SCHOOLS



APPA COMPARATIVE COST & STAFFING SURVEY
Statistical Reduction by Region

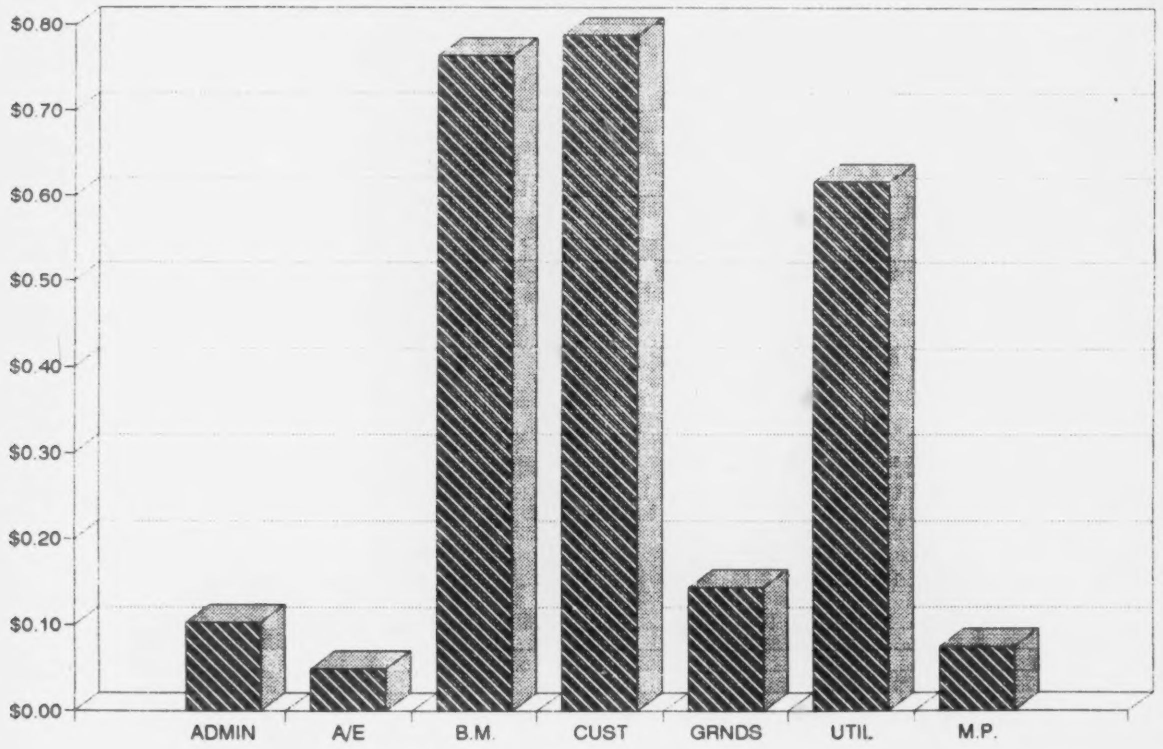
MIDWEST REGION

INSTITUITON TYPE	Research	Doctorate Granting	Compre-hensive	Liberal Arts	Two-Year College	Profes-sional	Other
	1	2	3	4	5	6	7
COST PER GSF							
ADMIN	0.104	0.095	0.186	0.193	0.259	0.372	
ENG/ARCH	0.049	0.066	0.075	0.047	0.084	0.15	
BLDG MAINT	0.762	0.763	0.664	0.943	0.774	1.298	
CUSTODIAL	0.787	0.742	0.765	0.673	0.999	0.694	
GROUNDS	0.144	0.194	0.19	0.219	0.277	0.276	
UTILITIES	0.616	0.461	0.305	0.349	1.234	0.444	
MOTOR POOL	0.075	0.1	0.063	0.112	0.083	0.052	
OTHER 1	0.056	0.16	0.15	0.113	0.295	0.329	
OTHER 2	0.127	0.08	0.173	0.088	0.139		
OTHER 3	0.101		0.487				
MISC. COSTS							
BENEFITS PERCENT	24.433	27.64	28.233	21.86	22.978	32.933	
DEF MAINT BUDGET	3,428,563	1,631,250	492,400	443,479	691,702	144,486	
CRDM OUTSTANDING	35,211,329	39,833,333	12,498,122	1,068,682	840,750	1,438,333	
SALARY INFORMATION							
PHYS PLT C.E.O.	61,756	48,400	49,527	40,695	35,676	44,123	
ASSISTANT	44,660	39,000	42,354	29,150	28,776	30,260	
ENGINEER/ARCH	42,156	43,460	40,419	33,300	30,894	37,679	
SUPERINTENDENT	37,357	43,920	31,246	28,314	29,424	27,500	
SUPERVISOR	27,999	30,780	27,597	27,352	24,185	22,566	
ELECTRICIAN	28,778	22,109	26,246	23,200	23,679	17,295	
PLUMBER	28,121	22,019	22,640	25,066	24,292	17,295	
CARPENTER	26,202	21,829	24,149	23,805	23,527	20,058	
PAINTER	26,515	21,638	23,119	21,228	19,005	17,044	
GROUNDSKEEPER	15,415	16,857	17,019	17,159	17,316	14,784	
LABORER	14,889	16,568	16,121	13,184	14,058	12,365	
CUSTODIAN	13,756	16,095	14,264	13,112	15,590	13,677	
HVAC TECH	26,220	24,508	24,580	27,318	24,221	17,722	
PROGRAMMER	22,331	20,300	19,143	16,000	24,092	26,004	
SUPPORT STAFF	13,987	16,975	13,943	14,121	15,326	14,380	
GEN MAINT	17,402	17,600	17,894	17,771	17,409	18,229	
TECHNICIAN	17,176	28,375	20,235	20,913	14,500	16,681	

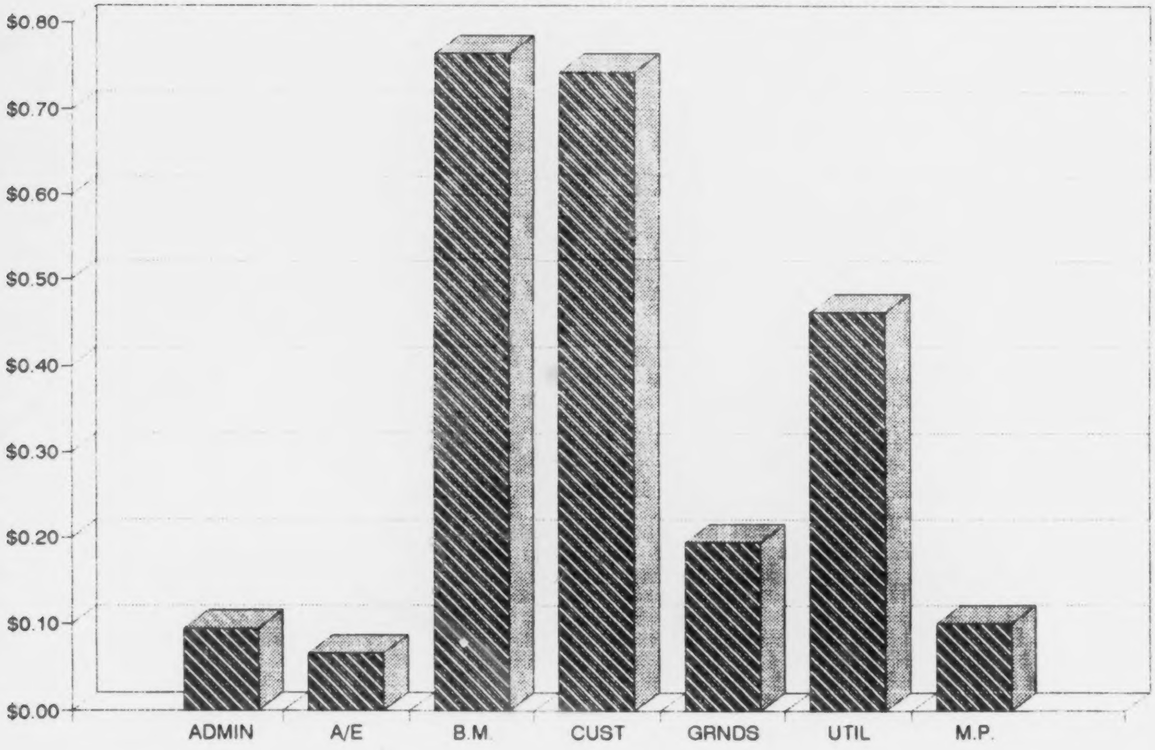
APPA COMPARATIVE COST & STAFFING SURVEY
Statistical Reduction by Region

MIDWEST REGION

INSTITUITON TYPE	Research	Doctorate Granting	Comprehensive	Liberal Arts	Two-Year College	Professional	Other
	1	2	3	4	5	6	7
ENERGY, ETC							
ELECTRICITY:PURCH	116,119,187	53,820,025	17,883,113	8,964,287	6,096,038	8,691,612	
ELECTRICAL COSTS	6,292,969	3,143,779	801,808	363,905	371,418	1,129,582	
ELECTR CO-GEN KWH	71,818,070		9,637,600				
ELECTR CO-GEN COSTS	2,009,794		294,280				
UTL GAS PURCH MCF	129,429	50,287	72,634	35,746	33,517	4,018	
UTL GAS COSTS	404,420	161,750	183,886	91,260	100,074	17,213	
TRANS GAS MCF	647,633	90,855	313,339	82,366	27,318	24,125	
TRANS GAS COSTS	1,339,598	597,275	258,054	222,357	119,164	29,642	
GAS COST AT SOURCE	1,339,190		831,980	195,749	82,280	48,482	
TRANSPORTATION COST	358,943		83,017	34,792	28,602	47,444	
OIL GRADE 2:PURCH GAL	87,472	3,428	54,887	24,181	74,500	101,100	
OIL GRADE 2:COST	61,190	2,399	26,909	11,282		62,643	
OIL GRADE 4:PURCH GAL			6,000				
OIL GRADE 4:COST			4,308				
OIL GRADE 5:PURCH GAL							
OIL GRADE 5:COST							
OIL GRADE 6:PURCH GAL	145,192		87,379			59,600	
OIL GRADE 6:COST	82,789		38,428			24,100	
OIL,OTH TYPES:PURCH GAL	10,178	94,000	2,641		12,000		
OIL,OTH TYPES:COST	9,183	72,700	2,326		9,600		
COAL:PURCH TONS	86,382	22,500	4,936			15,825	
COAL: COSTS	3,408,875	907,309	258,636			822,900	
SOURCE #1:PURCH	60,911	172,811	142,578		18,085	15,729	
SOURCE #1:COSTS	310,781	515,452	55,515		197,984	11,894	
SOURCE #2:PURCH			212,565				
SOURCE #2:COSTS			734,058				
WATER CCF	2,219,828	39,221,000	68,749	1,140,106	35,102	61,801	
WATER COSTS	529,035	211,269	34,290	53,916	31,854	25,300	
SEWER CCF	2,028,659	42,600,000	69,099	149,968	35,542	44,801	
SEWER COST	680,578	252,700	50,718	52,852	22,796	5,409	
WATER & SEWER CCF	528,494	32,687	2,947,868	39,436	210,802	17,174	
WATER & SEWER COST	564,498	534,395	233,977	111,679	36,072	123,609	

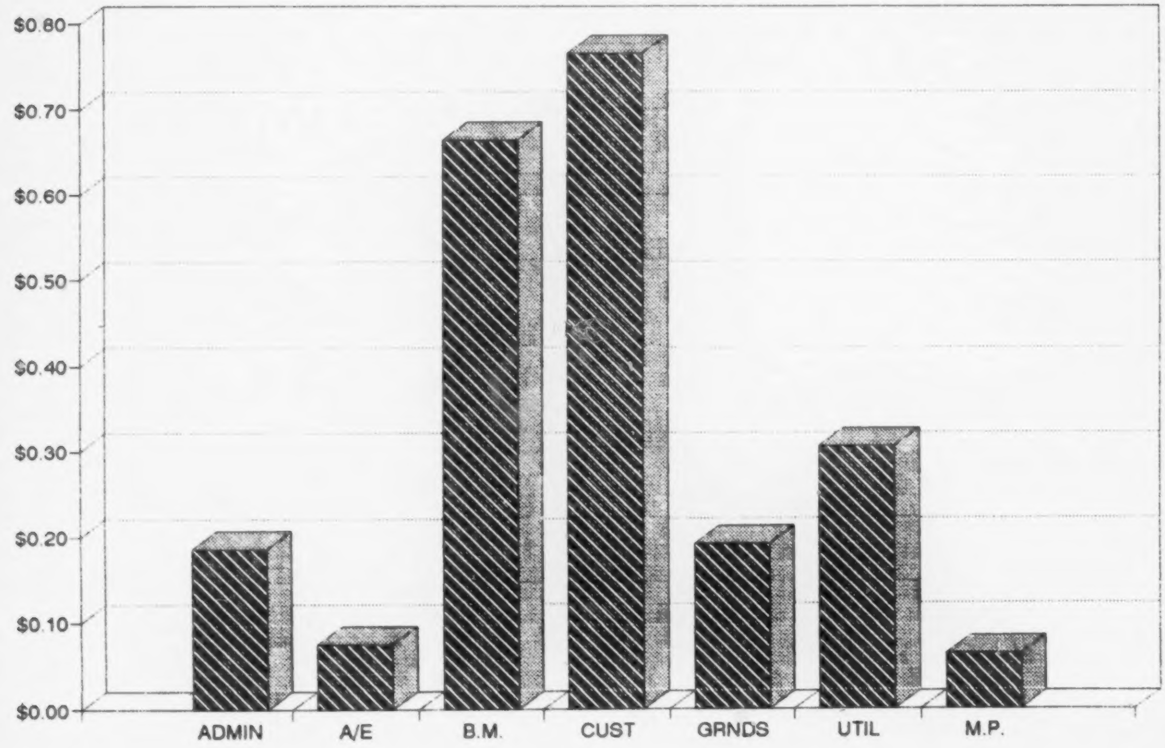

COSTS PER SQUARE FOOT
MIDWEST REGION--RESEARCH

COSTS PER SQUARE FOOT
MIDWEST REGION--DOCTORATE

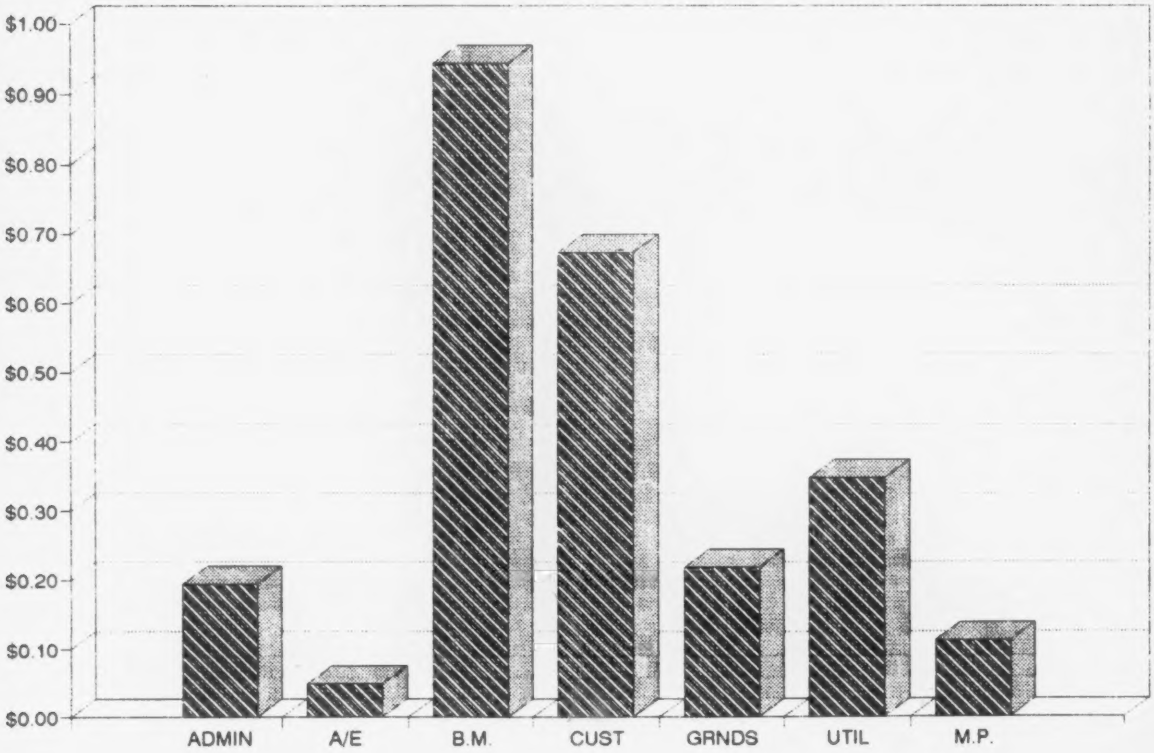


COSTS PER SQUARE FOOT

MIDWEST REGION--COMPREHENSIVE

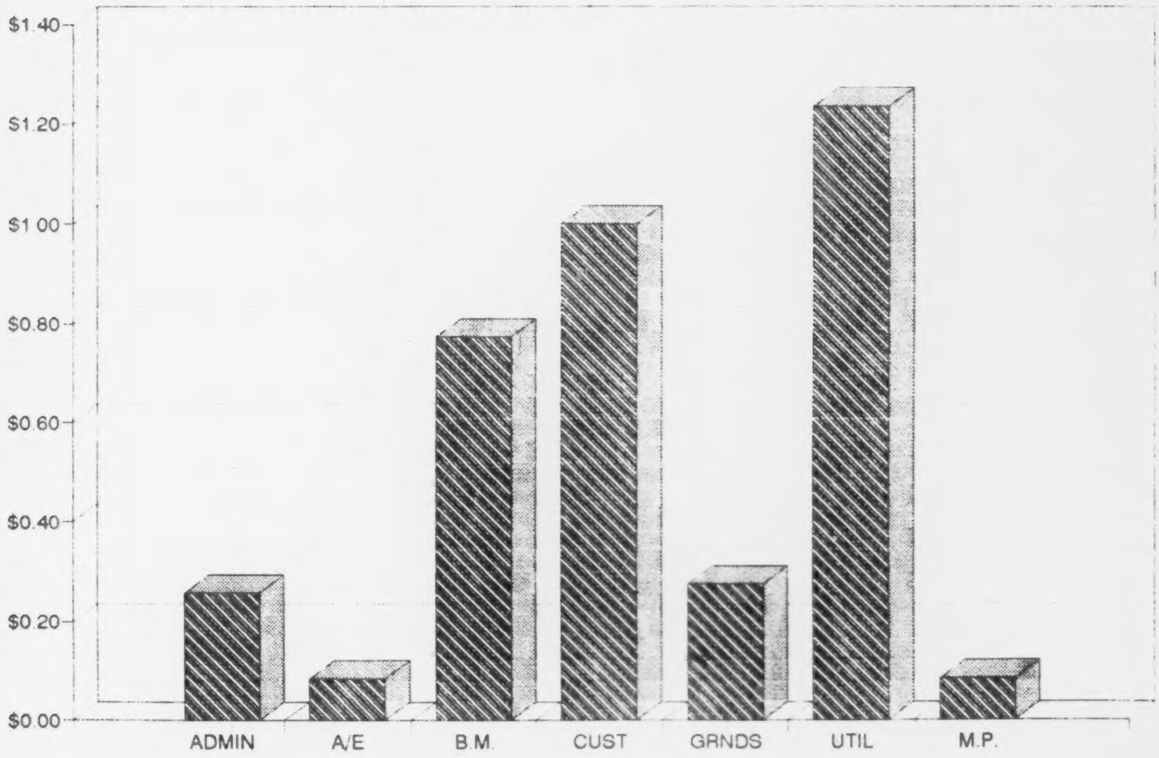


COSTS PER SQUARE FOOT
MIDWEST REGION--LIBERAL ARTS



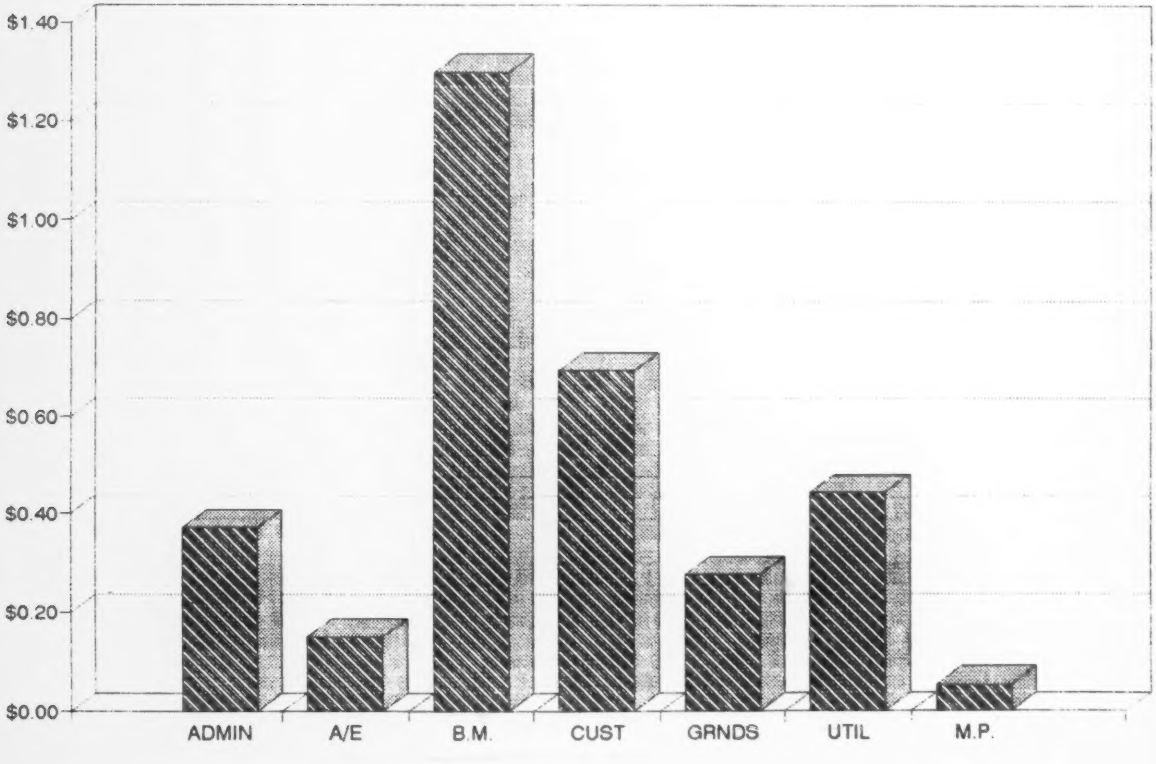
COSTS PER SQUARE FOOT

MIDWEST REGION--TWO YEAR COMMUNITY



COSTS PER SQUARE FOOT

MIDWEST REGION--PROFESSIONAL SCHOOLS



APPA COMPARATIVE COST & STAFFING SURVEY
Statistical Redution by Region

PACIFIC COAST REGION

INSTITUTION TYPE	Research	Doctorate Granting	Compre-hensive	Liberal Arts	Two-Year College	Profes-sional	Other
	1	2	3	4	5	6	7
COST PER GSF							
ADMIN	0.205	0.213	0.366	0.177	0.236	0.207	
ENG/ARCH	0.104	0.052	0.122	0.139	0.104	0.209	
BLDG MAINT	0.895	0.732	0.805	0.991	1.136	1.156	
CUSTODIAL	0.707	0.823	1.133	1.065	1.141	0.788	
GROUNDS	0.190	0.066	0.36	0.135	0.299	0.081	
UTILITIES	0.208	0.25	0.253	0.389	0.203	0.851	
MOTOR POOL	0.019	0.099	0.122	0.059	0.104	0.209	
OTHER 1	0.412	0.088	0.045	0.149	0.402	0.668	
OTHER 2	0.053		0.05			0.864	
OTHER 3	0.041		0.08			0.118	
MISC. COSTS							
BENEFITS PERCENT	29.636	35.25	31.522	27.65	27.7	33.66	
DEF MAINT BUDGET	1,657,451	1,729,000	271,130	320,000	592,170	276,250	
CRDM OUTSTANDING	53,831,134	1,964,500	4,838,558	4,518,550	53,330,335	250,000	
SALARY INFORMATION							
PHYS PLT C.E.O.	70,561	59,334	62,548	40,007	44,521	47,800	
ASSISTANT	53,689	45,000	50,550	24,205	39,570	51,240	
ENGINEER/ARCH	50,797	37,483	43,896	24,000	35,016	27,918	
SUPERINTENDENT	44,028	32,020	40,453	30,484	36,162	27,312	
SUPERVISOR	38,275	28,552	35,598	26,224	31,555	23,322	
ELECTRICIAN	31,446	27,286	30,668	22,833	28,251	25,308	
PLUMBER	30,731	27,118	30,841	23,298	28,061	31,488	
CARPENTER	28,345	25,973	28,521	21,933	27,548	24,156	
PAINTER	28,003	25,427	30,602	21,683	26,288	24,156	
GROUNDSKEEPER	17,634	13,479	20,952	17,802	19,026	15,654	
LABORER	19,138	22,615	22,104	14,050	18,227	13,596	
CUSTODIAN	16,523	12,937	17,259	14,824	16,661	17,180	
HVAC TECH	31,596	24,562	31,303	24,167	28,660	25,302	
PROGRAMMER	32,488	26,916	32,122		23,408	39,420	
SUPPORT STAFF	19,852	16,030	20,108	16,519	19,689	19,512	
GEN MAINT	23,818	22,622	26,219	19,596	23,432	20,804	
TECHNICIAN	28,195	25,490	27,623	22,416	27,575	16,920	

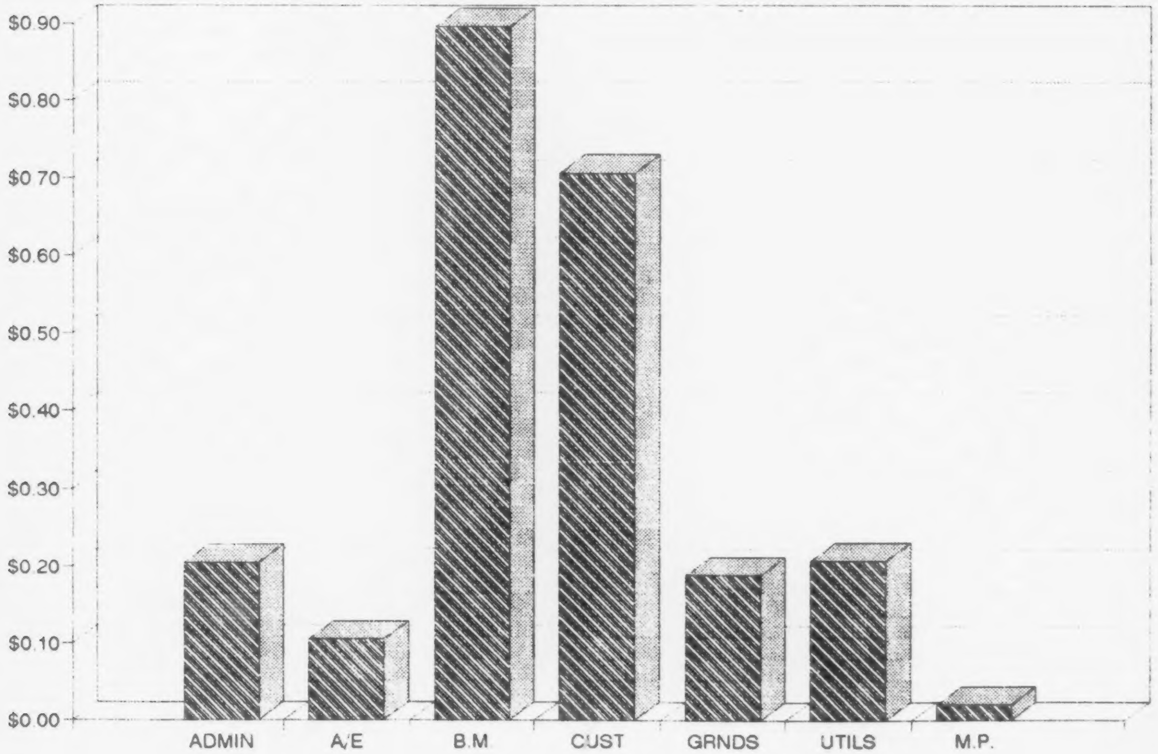
APPA COMPARATIVE COST & STAFFING SURVEY
Statistical Redution by Region

PACIFIC COAST REGION

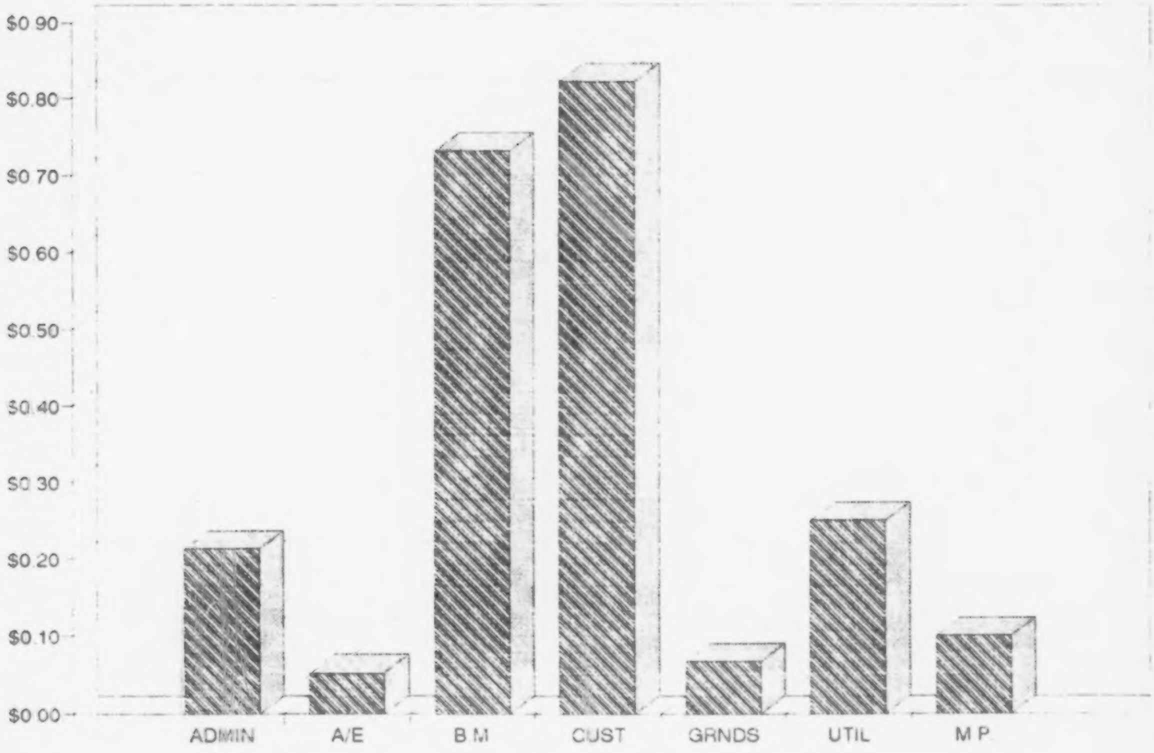
INSTITUTION TYPE	Research 1	Doctorate Granting 2	Comprehensive 3	Liberal Arts 4	Two-Year College 5	Professional 6	Other 7
ENERGY, ETC							
ELECTRICITY:PURCH	69,740,875	23,802,229	22,787,792	9,269,371	10,907,906	8,242,968	
ELECTRICAL COSTS	4,861,696	1,175,989	1,391,281	484,756	843,411	521,930	
ELECTR CO-GEN KWH	13,701,333	10,887,890	900,394		9,461,868		
ELECTR CO-GEN COSTS	172,298	638,558	61,555		632,564		
UTL GAS PURCH MCF	154,488	95,134	484,685	55,539	163,888	490,662	
UTL GAS COSTS	910,046	263,410	501,112	251,632	192,276	141,622	
TRANS GAS MCF	297,993	443,126		27,670			
TRANS GAS COSTS	592,999	185,669		47,186	177,156		
GAS COST AT SOURCE	512,153						
TRANSPORTATION COST	264,000						
OIL GRADE 2:PURCH GAL	2,478	29,601	3,566		107,345		
OIL GRADE 2:COST	1,584	22,148	2,450		89,000		
OIL GRADE 4:PURCH GAL				6,000			
OIL GRADE 4:COST				4,920			
OIL GRADE 5:PURCH GAL			54,182				
OIL GRADE 5:COST			28,160				
OIL GRADE 6:PURCH GAL	42,628				2,354	46,264	
OIL GRADE 6:COST	64,281				1,662	782,972	
OIL,OTH TYPES:PURCH GAL	8,439			2,300	25,300		
OIL,OTH TYPES:COST	19,241			2,599	22,000		
COAL:PURCH TONS	28,000	2,309			7,356		
COAL: COSTS	1,680,000	88,310			250,104		
SOURCE #1:PURCH	23,140		5,579		29,727		
SOURCE #1:COSTS	304,201		4,120		19,063		
SOURCE #2:PURCH							
SOURCE #2:COSTS					60,628		
WATER CCF	618,725	296,432	253,980	71,616	104,050	516,155	
WATER COSTS	299,933	186,279	69,927	54,131	54,905	126,010	
SEWER CCF	366,097	436,514	191,286	85,841	95,522	80,000	
SEWER COST	202,722	150,652	56,643	29,483	29,100	182,154	
WATER & SEWER CCF	415,804	20,025	144,880	76,606	1,073,090	1,435,602	
WATER & SEWER COST	705,000	17,944	161,819	122,475	63,349	32,213	

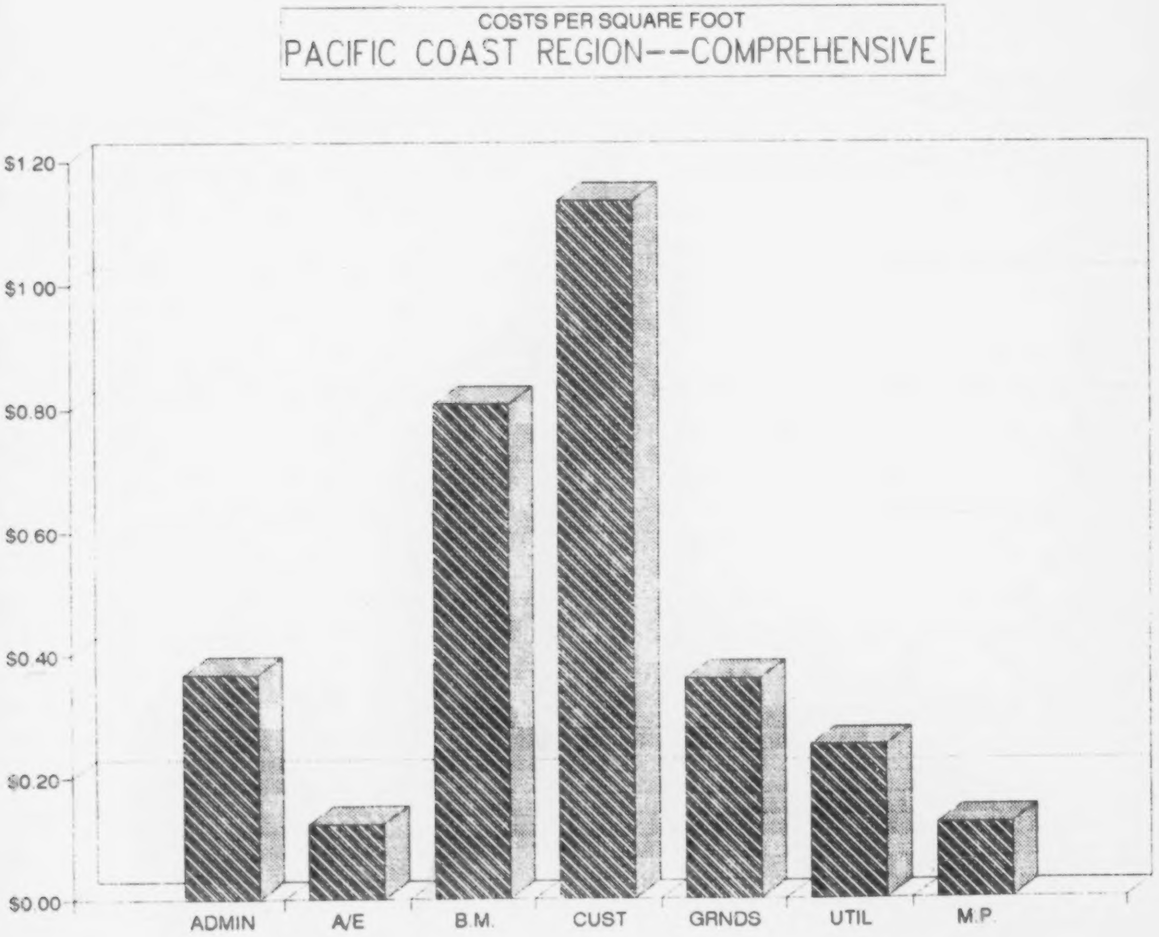
COSTS PER SQUARE FOOT

PACIFIC COAST REGION--RESEARCH



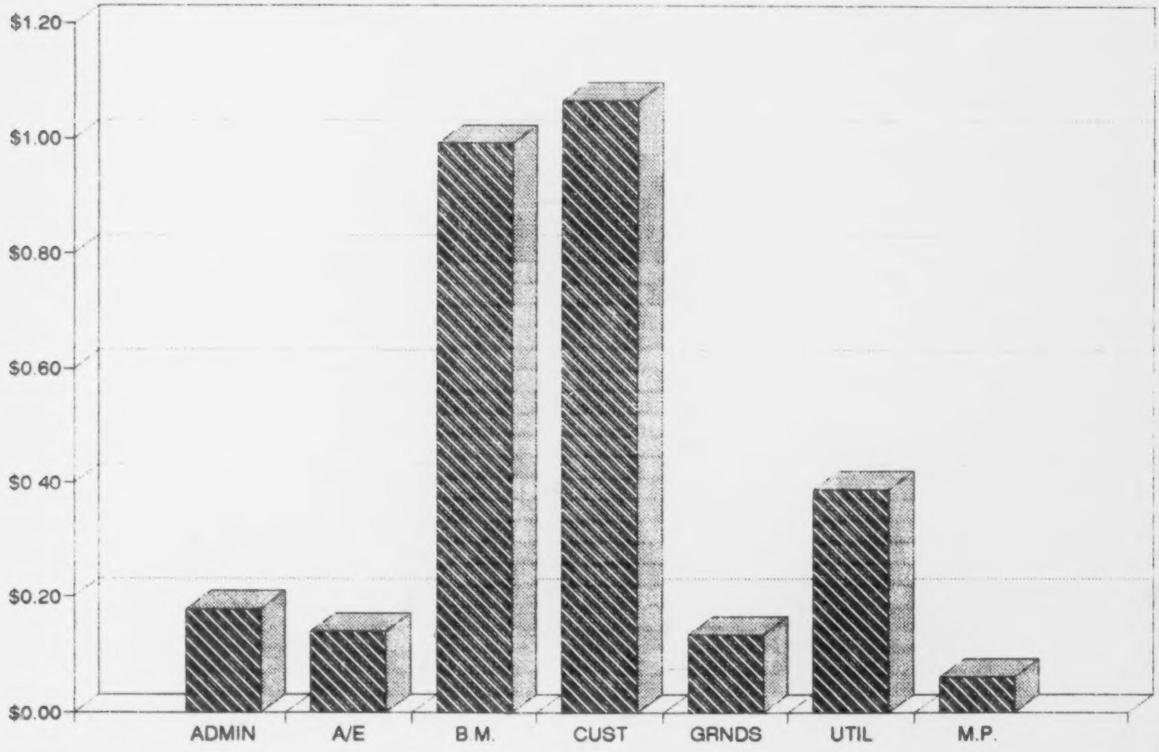
COSTS PER SQUARE FOOT
PACIFIC COAST REGION---DOCTORATE

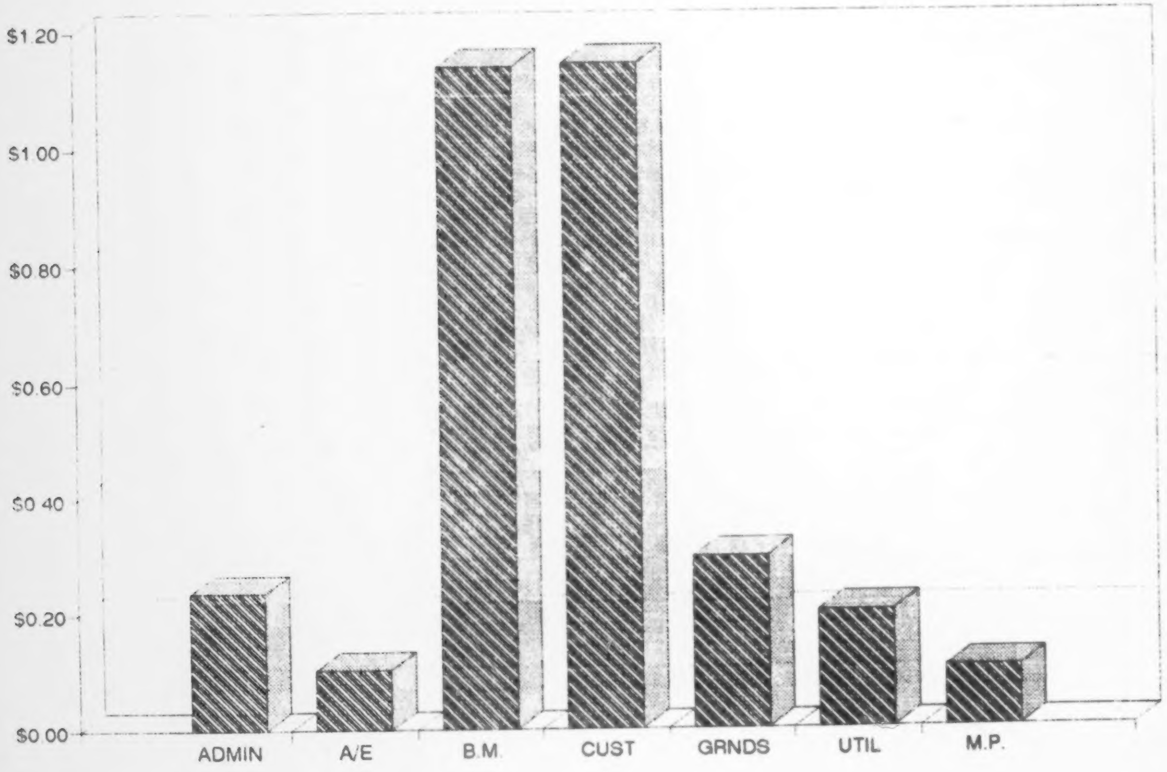



COSTS PER SQUARE FOOT
PACIFIC COAST REGION--COMPREHENSIVE

COSTS PER SQUARE FOOT

PACIFIC COAST REGION--LIBERAL ARTS

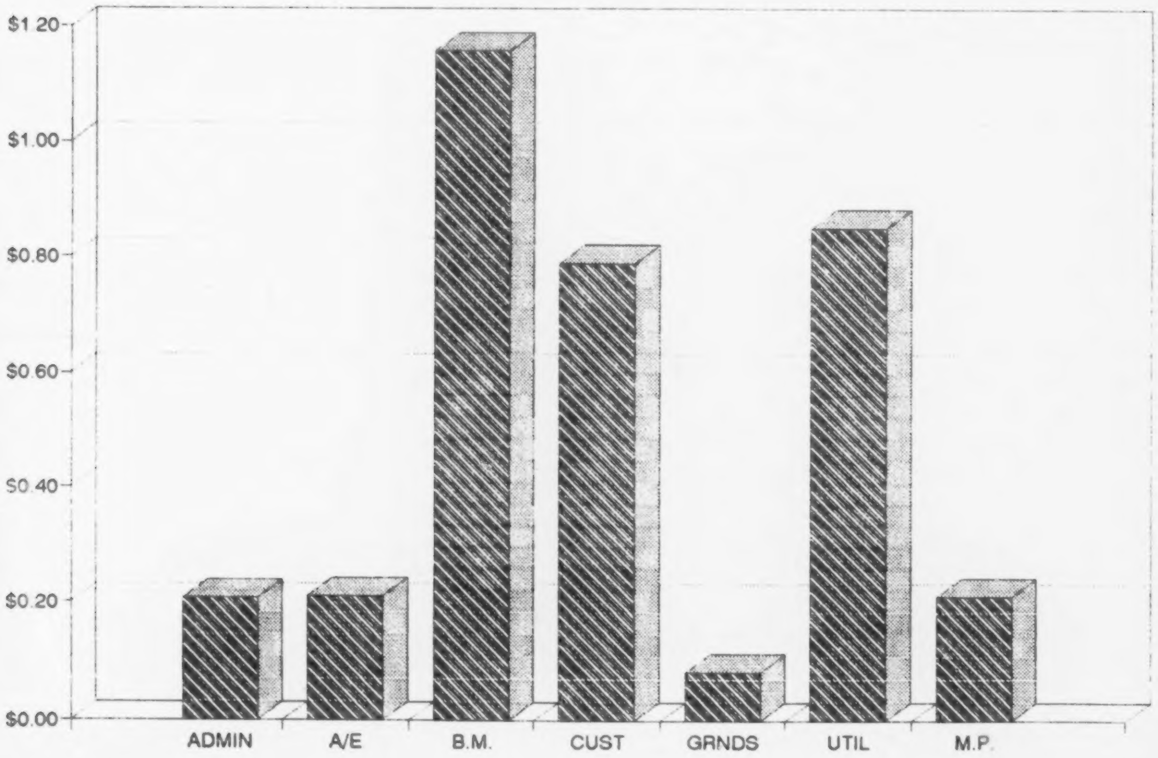




COSTS PER SQUARE FOOT
PACIFIC COAST REGION--TWO YR. COMMUNITY

COSTS PER SQUARE FOOT

PACIFIC COAST REGION--PROFESSIONAL



APPA COMPARATIVE COST & STAFFING SURVEY
Statistical Reduction by Region

ROCKY MOUNTAIN REGION

INSTITUTION TYPE	Research 1	Doctorate Granting 2	Compre-hensive 3	Liberal Arts 4	Two-Year College 5	Profes-sional 6	Other 7
COST PER GSF							
ADMIN	0.205	0.134	0.12	0.369	0.251	0.374	
ENG/ARCH	0.109	0.079	0.05	0.204	0.061	0.078	
BLDG MAINT	0.726	0.645	0.735	0.766	0.736	0.832	
CUSTODIAL	0.710	0.789	0.506	0.705	0.679	1.362	
GROUNDS	0.253	0.118	0.155	0.256	0.404	0.369	
UTILITIES	0.323	0.484	0.555	0.364	0.144	0.375	
MOTOR POOL	0.168	0.139		0.08	0.039	0.055	
OTHER 1	0.101	0.235	0.08	0.096	0.169	0.363	
OTHER 2	0.131	0.163		0.038	0.246		
OTHER 3	0.124				0.4		
MISC. COSTS							
BENEFITS PERCENT	21.717	19.75	20	19.75	19.18	22.25	
DEF MAINT BUDGET	2,340,926	615,000	80,000	143,000	73,600	448,000	
CRDM OUTSTANDING	52,003,250	10,366,900	6,200,000	1,370,000	281,020	5,077,800	
SALARY INFORMATION							
PHYS PLT C.E.O.	56,222	53,100	37,000	51,000	35,236	45,254	
ASSISTANT	44,183	41,500	29,000	42,899		47,064	
ENGINEER/ARCH	36,035	35,270	26,000	45,337	24,331	44,820	
SUPERINTENDENT	30,987	33,153		41,106	30,000	44,820	
SUPERVISOR	24,789	31,549	22,568	22,056	21,646	33,438	
ELECTRICIAN	21,152	28,661	24,261	25,753	23,783	22,986	
PLUMBER	22,155	29,151	24,542	25,257	21,166	23,392	
CARPENTER	18,804	27,977	24,600	19,275	21,458	20,788	
PAINTER	19,029	23,708	23,254	20,059	15,000	20,788	
GROUNDSKEEPER	11,500	17,218	14,047	15,113	15,096	14,546	
LABORER	11,930	16,529		24,108	13,100	13,896	
CUSTODIAN	10,729	15,271	12,622	8,799	12,935	12,950	
HVAC TECH	22,008	29,528		24,985	22,166	23,392	
PROGRAMMER	22,813	24,800			21,166	23,392	
SUPPORT STAFF	13,696	16,061	13,622	15,243	16,774	16,464	
GEN MAINT	16,457	21,915	16,093	23,050	16,237	18,624	
TECHNICIAN	23,618	26,704		30,326	14,750	28,908	

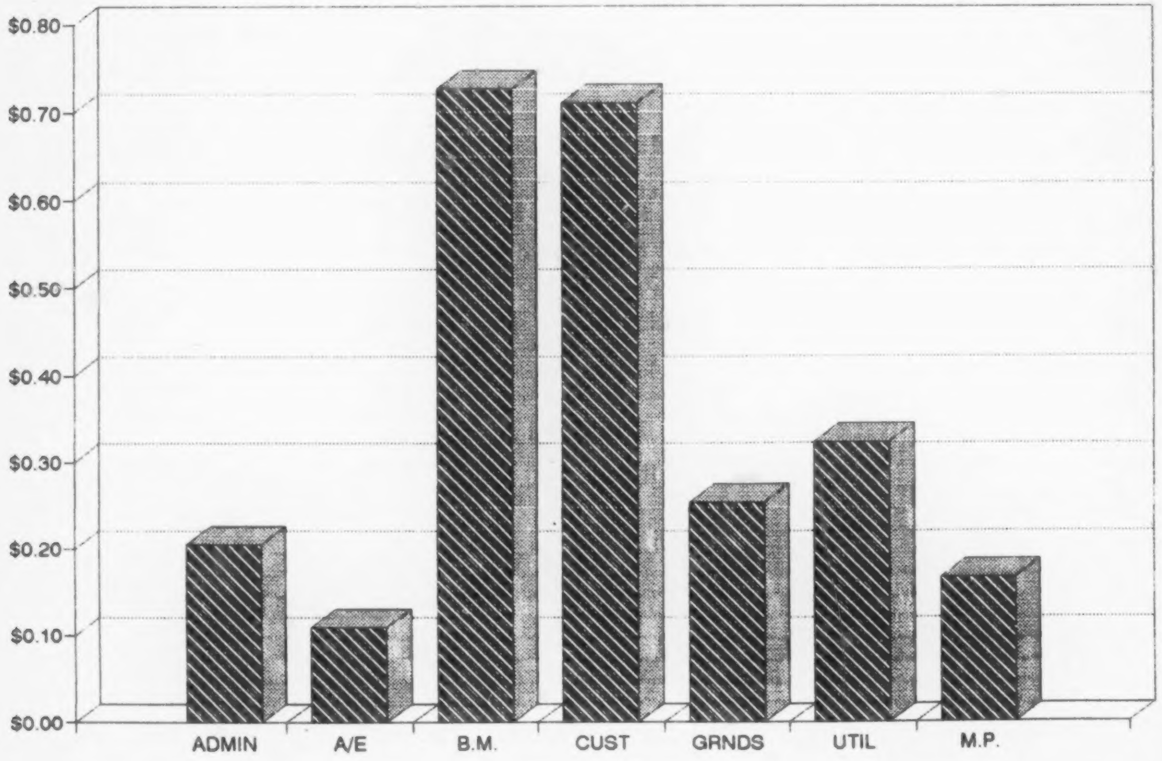
APPA COMPARATIVE COST & STAFFING SURVEY
Statistical Reduction by Region

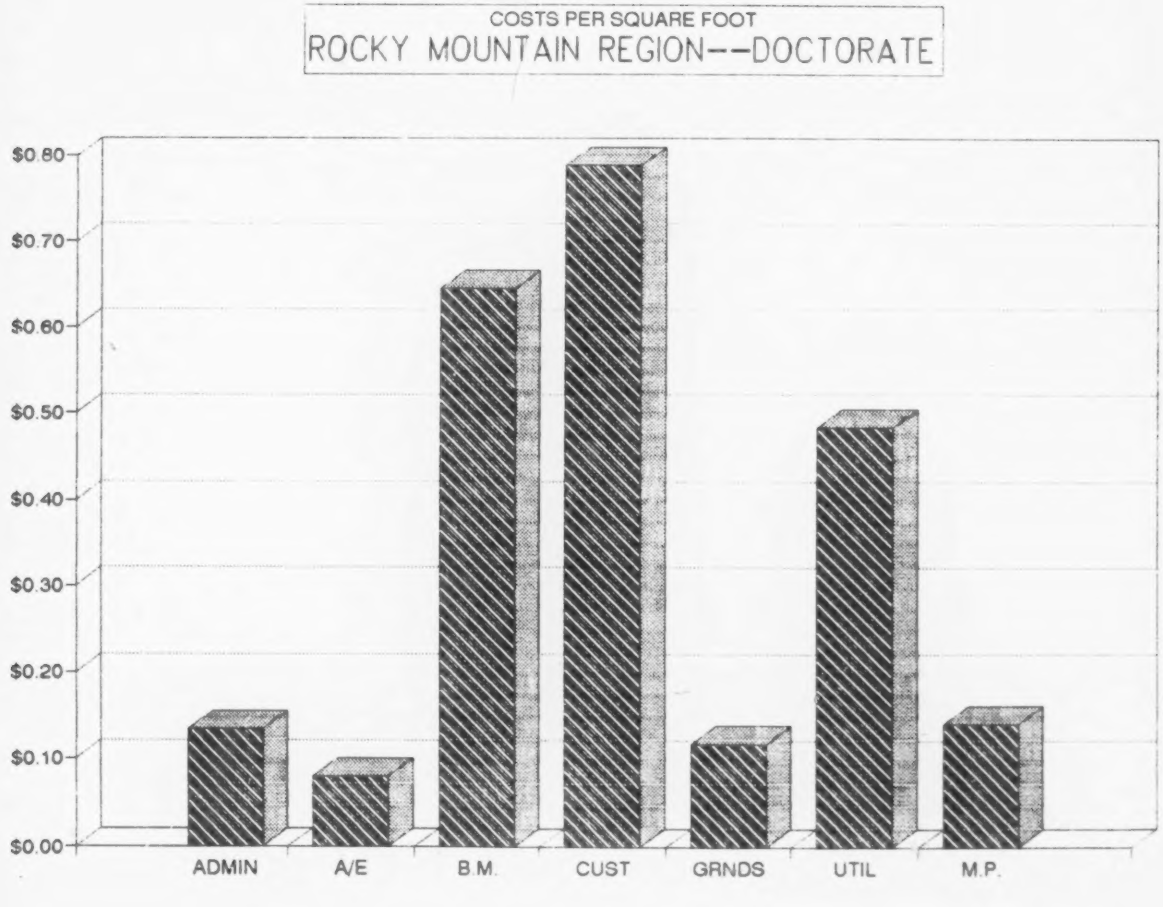
ROCKY MOUNTAIN REGION

INSTITUTION TYPE	Research	Doctorate Granting	Compre- hensive	Liberal Arts	Two-Year College	Profes- sional	Other
	1	2	3	4	5	6	7
ENERGY, ETC							
ELECTRICITY:PURCH	79,336,014	63,735,207	6,754,991	18,721,044	3,467,848	22,845,860	
ELECTRICAL COSTS	3,719,396	2,270,284	253,571	872,879	189,770	1,219,852	
ELECTR CO-GEN KWH	13,500,000					3,366,718	
ELECTR CO-GEN COSTS	910,000						
UTL GAS PURCH MCF	862,672	380,857	207,552	86,460	39,133	2,156,686	
UTL GAS COSTS	479,467	1,033,303	200,115	253,534	50,989	659,805	
TRANS GAS MCF	534,704				33,359		
TRANS GAS COSTS	1,254,041				67,510		
GAS COST AT SOURCE	790,782						
TRANSPORTATION COST	220,822				14,751		
OIL GRADE 2:PURCH GAL	55,915	6,250			120		
OIL GRADE 2:COST	50,646	4,062			198		
OIL GRADE 4:PURCH GAL							
OIL GRADE 4:COST							
OIL GRADE 5:PURCH GAL							
OIL GRADE 5:COST							
OIL GRADE 6:PURCH GAL							
OIL GRADE 6:COST							
OIL,OTH TYPES:PURCH GAL					320		
OIL,OTH TYPES:COST					313		
COAL:PURCH TONS	17,422						
COAL: COSTS	681,978						
SOURCE #1:PURCH	20,700	133,000		49,350			
SOURCE #1:COSTS	12,800	792,000		353,479			
SOURCE #2:PURCH							
SOURCE #2:COSTS					12,150		
WATER CCF	623,868	231,385		112,362	933,137	2,245,910	
WATER COSTS	363,661	127,374		111,280	12,665	55,147	
SEWER CCF	415,978			52,790		1,292,453	
SEWER COST	323,716			27,334	10,055	76,174	
WATER & SEWER CCF	1,539,709	229,165	33,136	70,627	17,539,818		
WATER & SEWER COST	701,946	298,424	28,281	91,926	25,319		

COSTS PER SQUARE FOOT

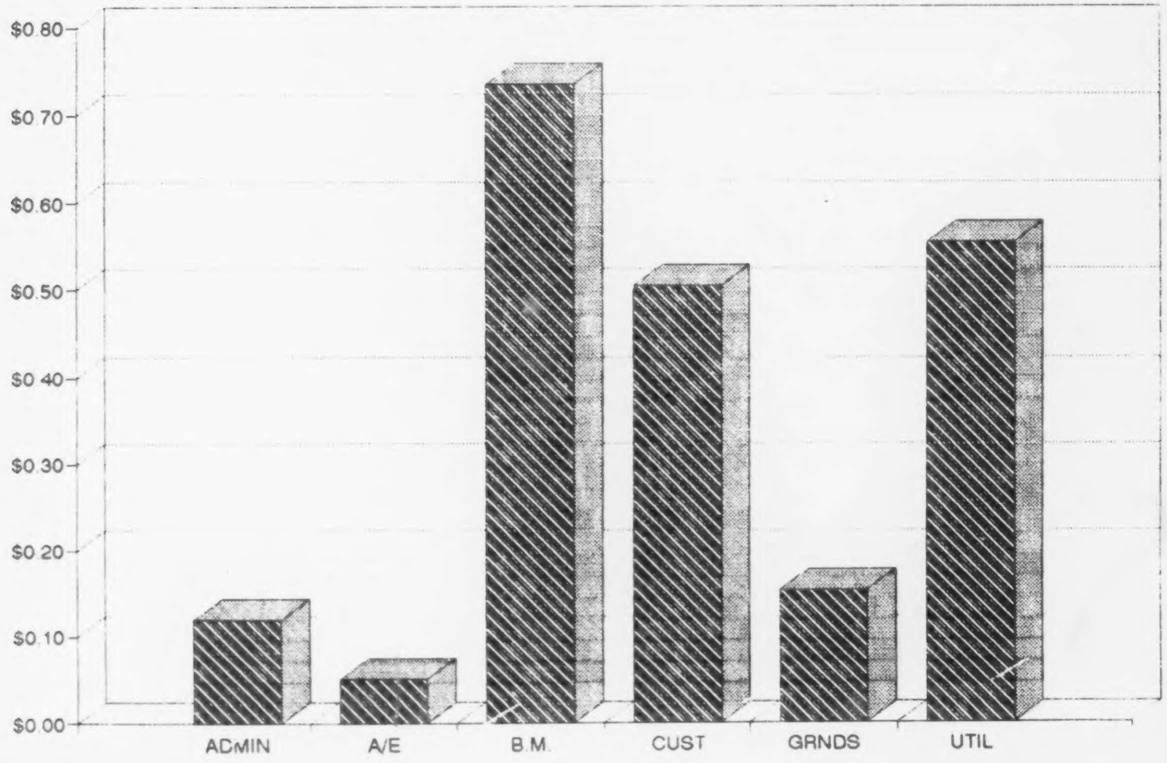
ROCKY MOUNTAIN REGION--RESEARCH




COSTS PER SQUARE FOOT
ROCKY MOUNTAIN REGION--DOCTORATE
$0.80
$0.70
$0.60
$0.50
$0.40
$0.30
$0.20
$0.10
$0.00
ADMIN
A/E
B.M.
CUST
GRNDS
UTIL
M.P.

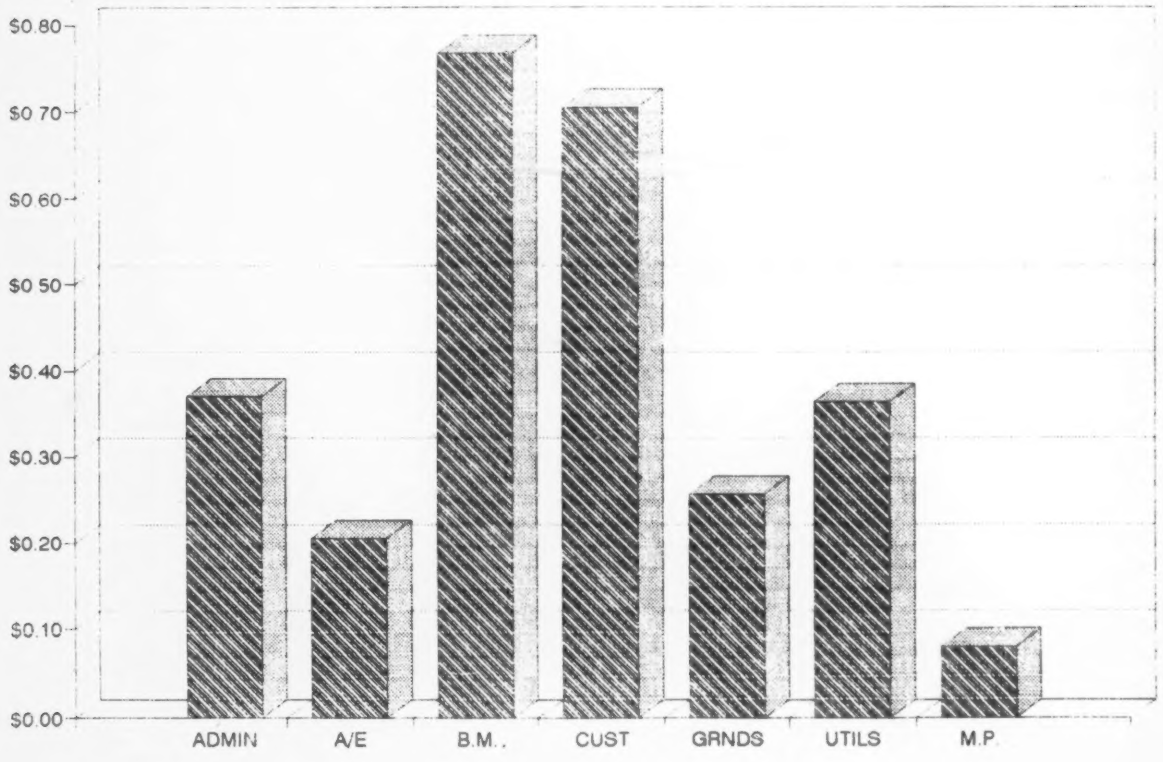
COSTS PER SQUARE FOOT

ROCKY MOUNTAIN REGION--COMPREHENSIVE



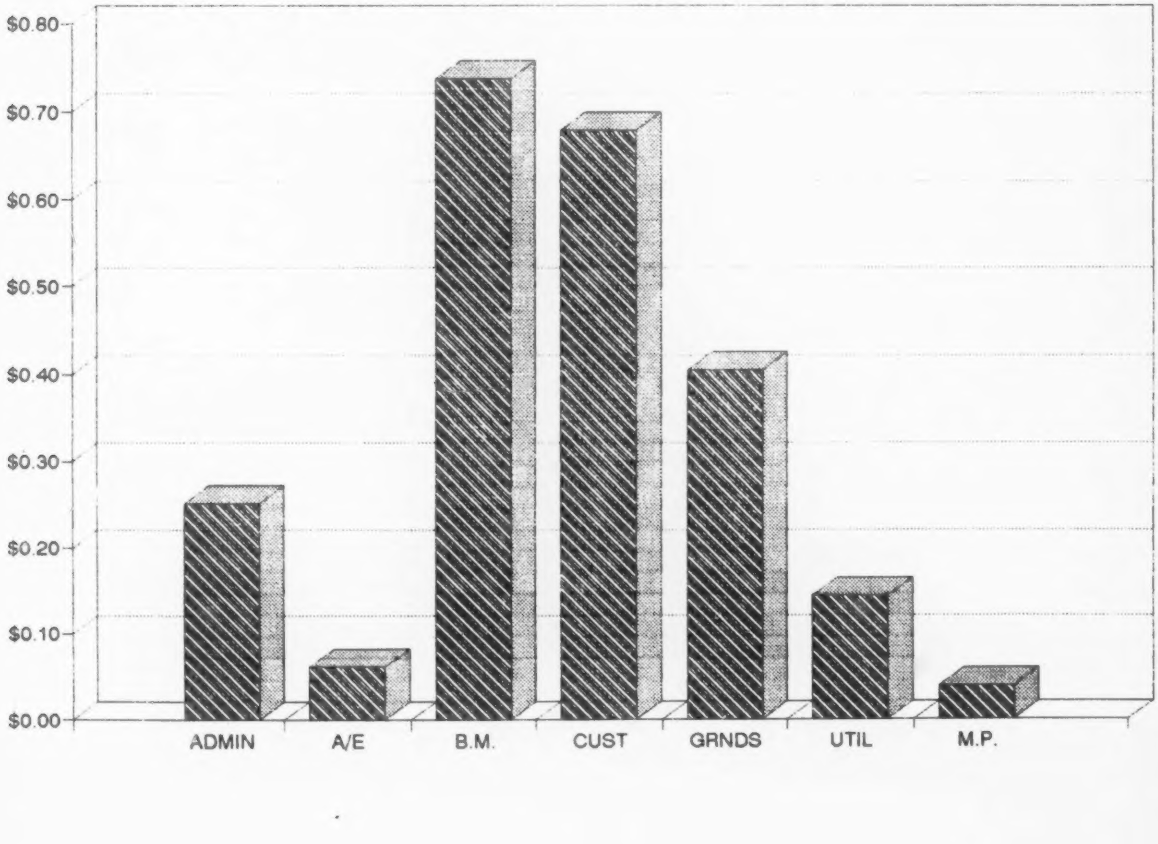
COSTS PER SQUARE FOOT

ROCKY MOUNTAIN REGION--LIBERAL ARTS



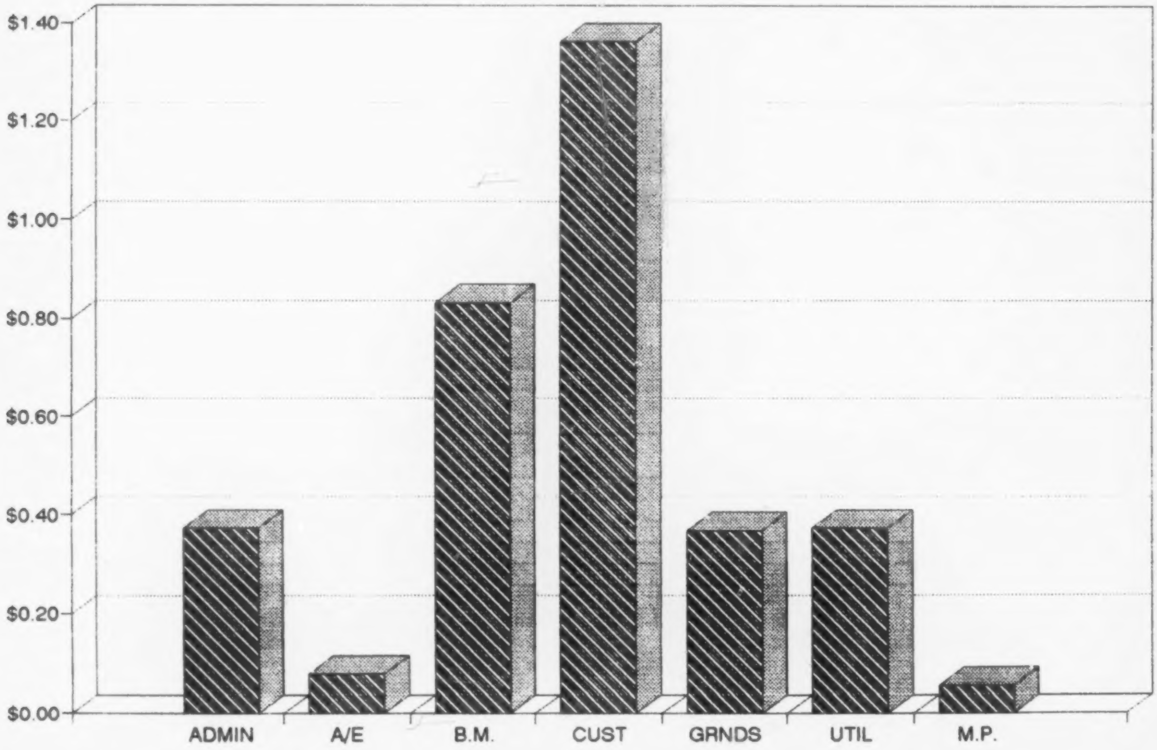
COSTS PER SQUARE FOOT

ROCKY MOUNTAIN--TWO YEAR COMMUNITY



COSTS PER SQUARE FOOT

ROCKY MOUNTAIN--PROFESSIONAL SCHOOLS



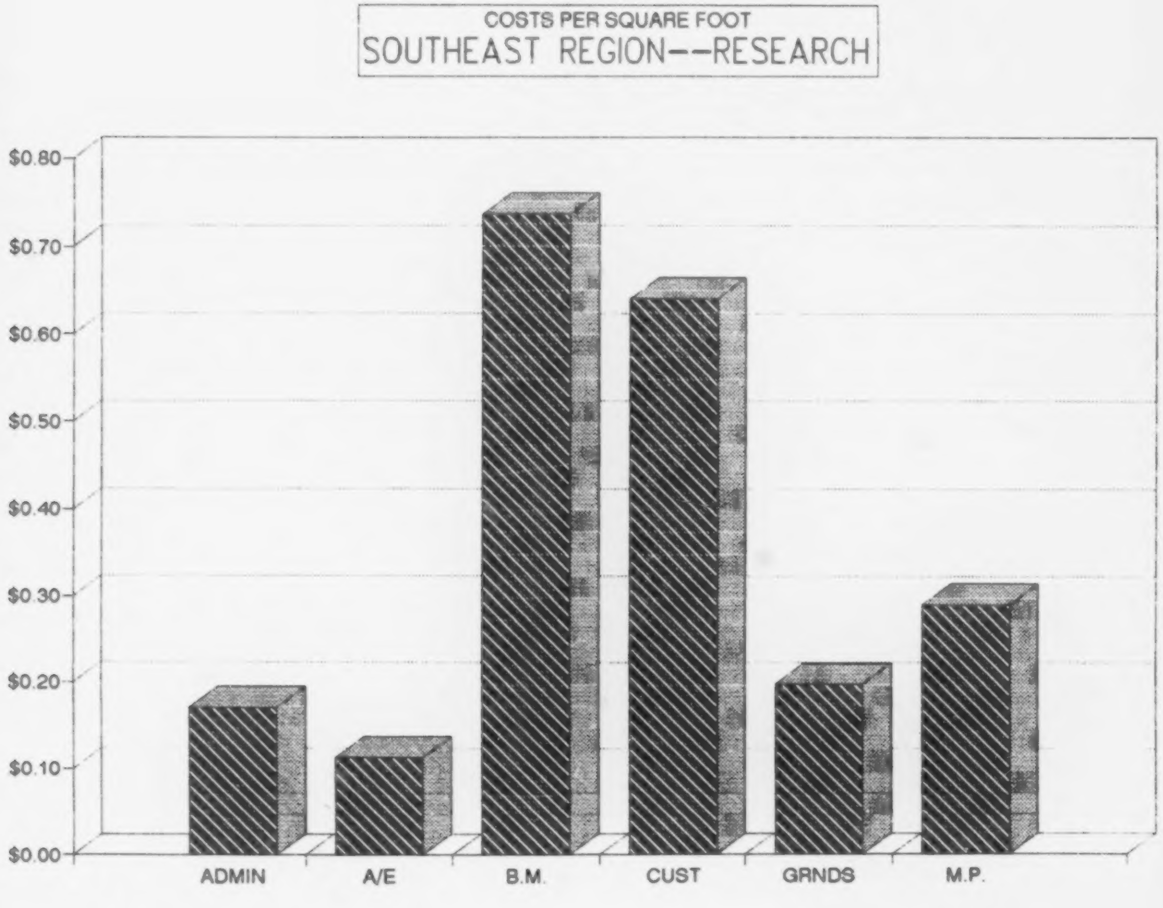
APPA COMPARATIVE COST & STAFFING SURVEY
Statistical Reduction by Region

SOUTHEAST REGION

INSTITUTION TYPE	Research	Doctorate Granting	Comprehensive	Liberal Arts	Two-Year College	Professional	Other
	1	2	3	4	5	6	7
COST PER GSF							
ADMIN	0.171	0.145	0.192	0.198	0.234	0.378	
ENG/ARCH	0.114	0.071	0.042	0.031	0.066	0.084	
BLDG MAINT	0.736	0.618	0.634	0.84	0.608	0.899	
CUSTODIAL	0.641	0.792	0.699	0.685	0.877	0.749	
GROUNDS	0.198	0.159	0.211	0.406	0.27	0.145	
UTILITIES	0.290	0.457	0.293	0.603	0.658	1.295	
MOTOR POOL	0.062	0.069	0.111	0.064	0.119		
OTHER 1	0.104	0.048	0.883	0.044	0.153	0.504	
OTHER 2	0.042	0.016	0.272	0.122			
OTHER 3	0.040	0.095					
MISC. COSTS							
BENEFITS PERCENT	23.800	19.56	23.857	25.175	26.233	19	
DEF MAINT BUDGET	1,699,712	588,726	437,255	321,040	170,431		
CRDM OUTSTANDING	26,524,522	4,546,500	2,686,156	1,730,800	647,389	12,294,092	
SALARY INFORMATION							
PHYS PLT C.E.O.	61,091	47,539	40,164	38,978	30,657	41,682	
ASSISTANT	41,665	38,388	30,112	30,480	25,615	34,867	
ENGINEER/ARCH	39,276	38,701	34,919	23,044	32,257	31,047	
SUPERINTENDENT	34,062	27,762	27,148	26,084	26,867	26,434	
SUPERVISOR	22,652	22,236	19,232	23,633	21,731	19,098	
ELECTRICIAN	19,004	17,249	16,559	19,474	19,299	15,185	
PLUMBER	18,978	16,873	15,712	18,490	16,279	15,185	
CARPENTER	17,677	16,486	15,522	18,034	16,591	15,185	
PAINTER	16,844	15,576	14,847	16,417	15,344	15,185	
GROUNDSKEEPER	10,841	10,740	11,588	13,746	11,258	10,063	
LABORER	10,565	10,085	10,525	10,705	12,000	9,574	
CUSTODIAN	10,116	9,951	10,157	10,610	11,232	10,239	
HVAC TEC	19,314	18,028	16,393	20,213	19,854	16,673	
PROGRAMMER	21,825	23,574	21,088	26,824	13,527	20,044	
SUPPORT STAFF	14,095	13,599	12,551	15,234	14,444	14,991	
GEN MAINT	14,014	13,857	13,898	14,076	15,667	13,258	
TECHNICIAN	16,700	15,804	17,019	28,688	17,250	15,527	

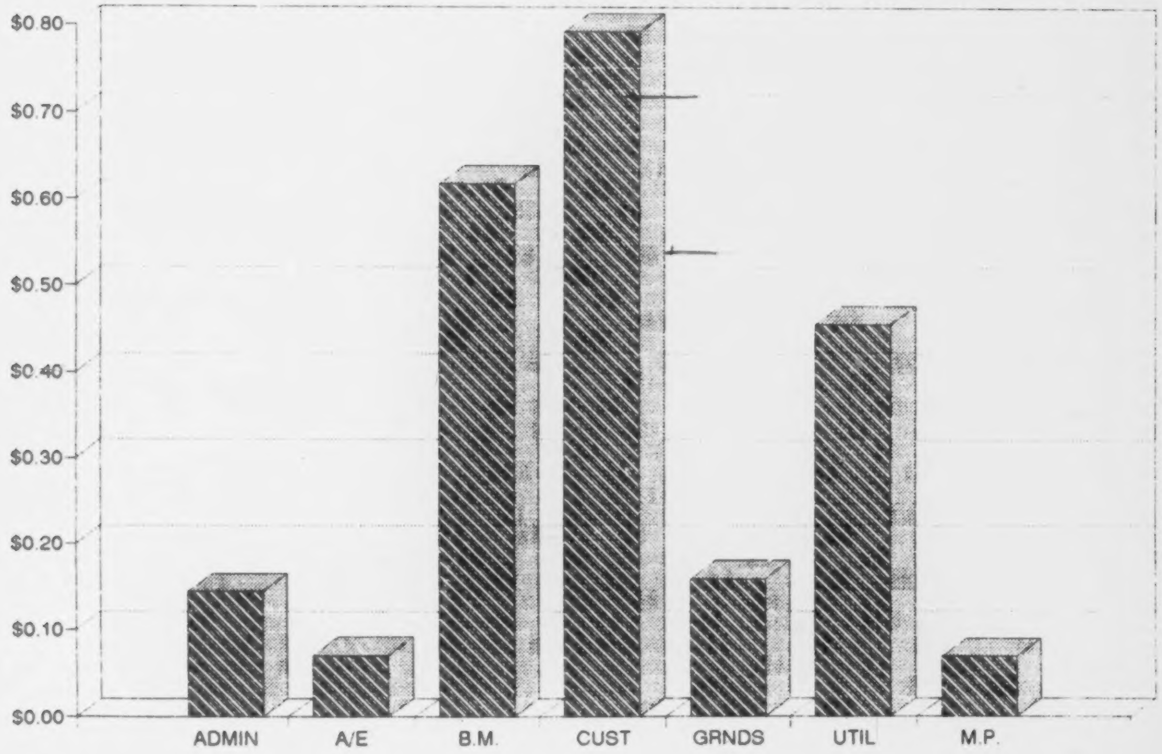
SOUTHEAST REGION

INSTITUTION TYPE	Research	Doctorate Granting	Comprehensive	Liberal Arts	Two-Year College	Professional	Other
	1	2	3	4	5	6	7
ENERGY, ETC							
ELECTRICITY:PURCH	132,154,590	32,288,995	19,163,941	9,841,303	3,245,919	46,874,228	
ELECTRICAL COSTS	6,424,888	1,524,159	681,414	515,119	228,886	2,013,710	
ELECTR CO-GEN KWH	26,166,500			250,000			
ELECTR CO-GEN COSTS	1,138,463						
UTL GAS PURCH MCF	145,434	126,096	163,447	29,367	33,296	163,864	
UTL GAS COSTS	655,644	443,443	284,582	99,242	29,643	478,097	
TRANS GAS MCF	231,112			76,561			
TRANS GAS COSTS	471,466			190,011			
GAS COST AT SOURCE	448,173			123,617			
TRANSPORTATION COST	143,681			42,424			
OIL GARDE 2:PURCH GAL	83,545	117,665	34,722	27,182	10,063	6,152	
OIL GRADE 2:COST	96,207	52,390	23,176	21,618	7,147	4,556	
OIL GRADE 4:PURCH GAL	12,594		24,538				
OIL GRADE 4:COST	8,529		108,429				
OIL GRADE 5:PURCH GAL	460,785			62,074			
OIL GRADE 5:COST	255,764			31,152		97,572	
OIL GRADE 6:PURCH GAL	237,568	252,886	1,137,855	497,528	55,532	59,735	
OIL GRADE 6:COST	102,155	133,161	562,818	201,056	31,098		
OIL,OTH TYPES:PURCH GAL			16,000		624		
OIL,OTH TYPES:COST			13,706		420		
COAL:PURCH TONS	21,455	2,816	5,034	7,287	100		
COAL: COSTS	1,053,458	118,819	193,605	345,234	3,900		
SOURCE #1:PURCH	138,483		1,572	5,825			
SOURCE #1:COSTS	254,849		1,289	10,535			
SOURCE #2:PURCH	5,330,500						
SOURCE #2:COSTS	852,880						
WATER CCF	703,950	101,000	3,724,303	747,839	55,517	352,080	
WATER COSTS	450,504	71,113	115,375	64,725	6,502	208,414	
SEWER CCF	648,375	45,142	1,915,549	61,147	670,696	349,789	
SEWER COST	443,310	94,353	237,936	68,846	6,701	986,284	
WATER & SEWER CCF	631,102	83,773	47,381	2,540,309	12,646	74,044	
WATER & SEWER COST	726,668	132,781	98,077	65,058	17,855	158,080	

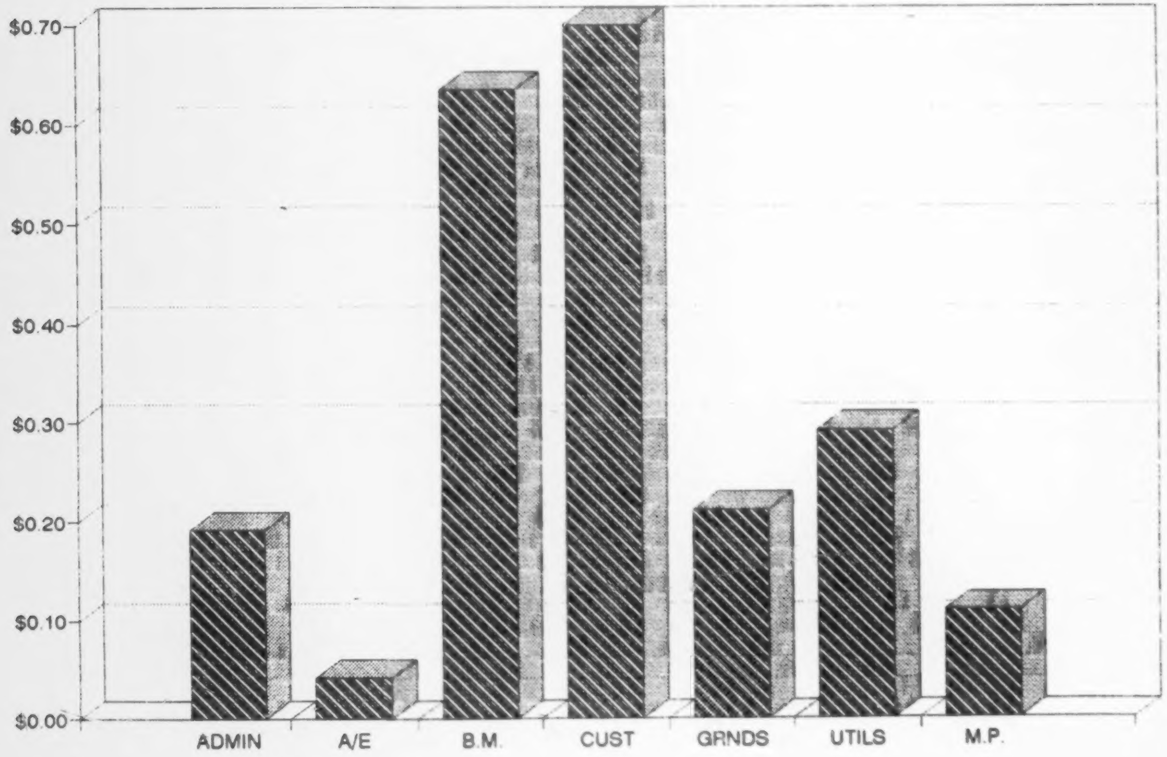

COSTS PER SQUARE FOOT
SOUTHEAST REGION--RESEARCH
$0.80
$0.70
$0.60
$0.50
$0.40
$0.30
$0.20
$0.10
$0.00
ADMIN
A/E
B.M.
CUST
GRNDS
M.P.

COSTS PER SQUARE FOOT

SOUTHEAST REGION--DOCTORATE

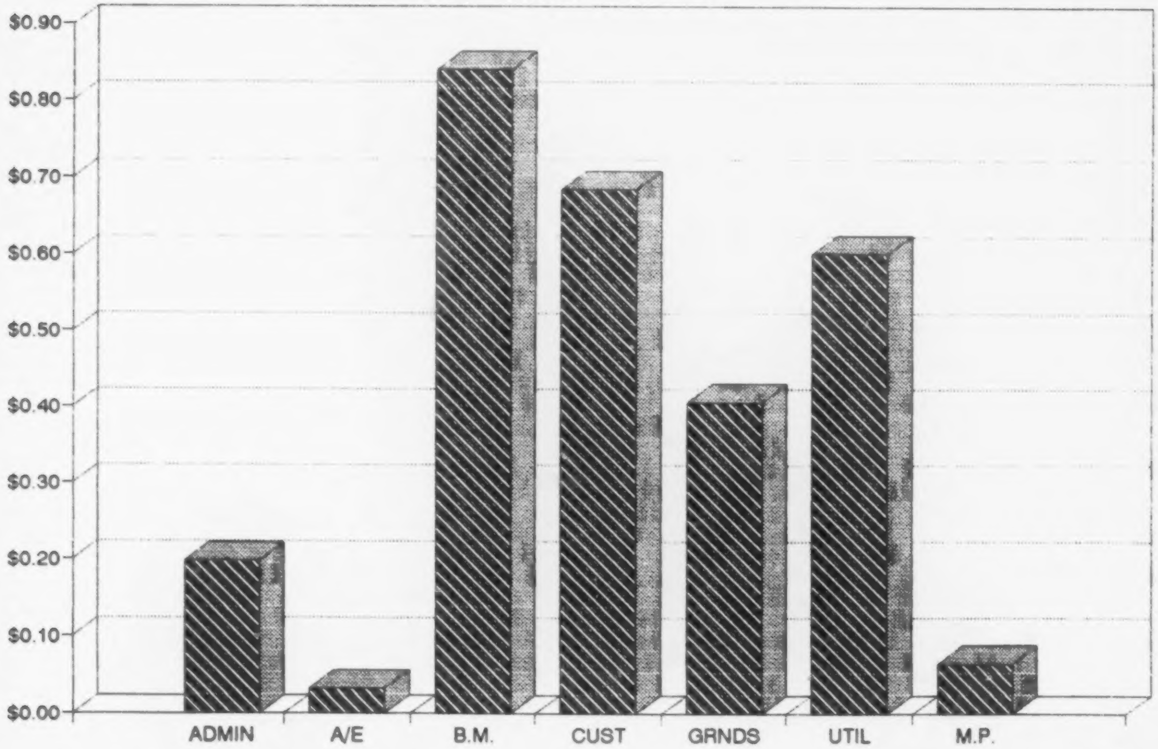


COSTS PER SQUARE FOOT
SOUTHEAST REGION--COMPREHENSIVE



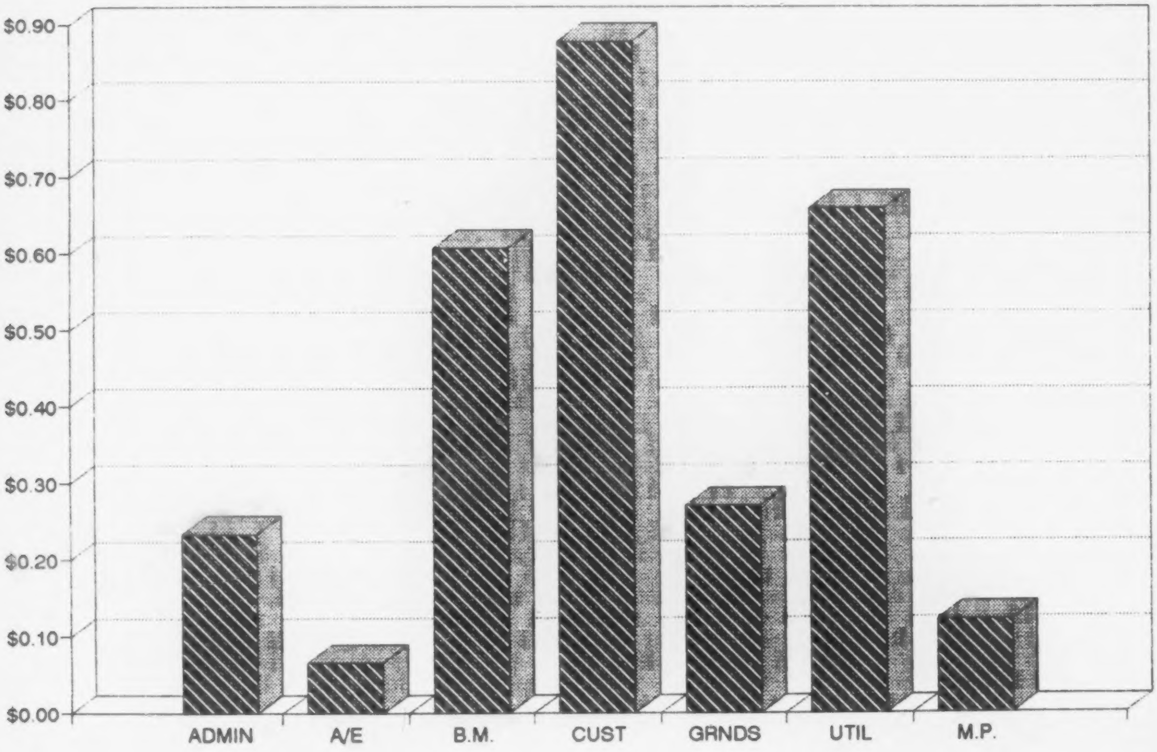
COSTS PER SQUARE FOOT

SOUTHEAST REGION--LIBERAL ARTS



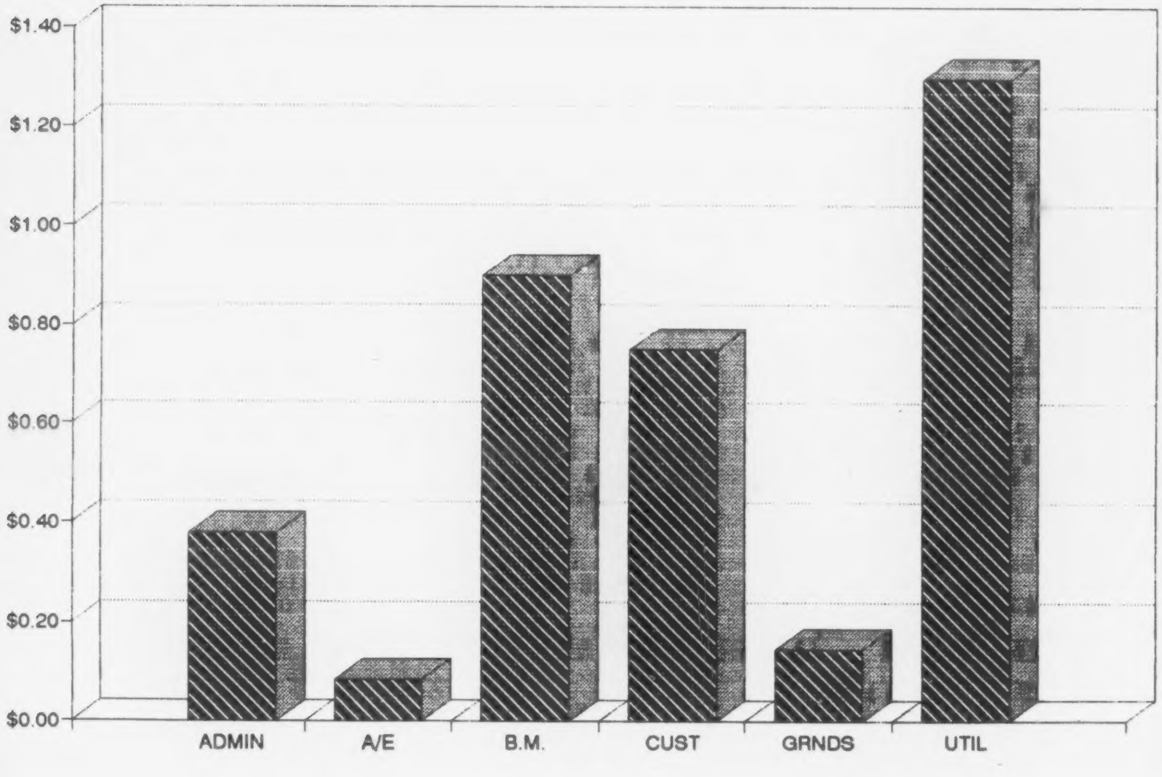
COSTS PER SQUARE FOOT

SOUTHEAST REGION--TWO YEAR COMMUNITY



COSTS PER SQUARE FOOT

SOUTHEAST REGION--PROFESSIONAL



APPA COMPARATIVE COST & STAFFING SURVEY
Statistical Reduction by Region

AUSTRALIAN REGION

INSTITUTION TYPE	Research	Doctorate Granting	Comprehensive	Liberal Arts	Two-Year Collete	Professional	Other
	1	2	3	4	5	6	7
COST PER GSF							
ADMIN	4.230						
ENG/ARCH							
BLDG MAINT	9.415						
CUSTODIAL	15.790						
GROUNDS	0.550						
UTILITIES	4.720						
MOTOR POOL	2.750						
OTHER 1							
OTHER 2							
OTHER 3							
MISC. COSTS							
BENEFITS PERCENT							
DEF MAINT BUDGET	320,208						
CRDM OUTSTANDING	20,000,000						
SALARY INFORMATION							
PHYS PLT C.E.O.	57,229						
ASSISTANT	51,235						
ENGINEER/ARCH	5,000						
SUPERINTENDENT	39,530						
SUPERVISOR	29,853						
ELECTRICIAN	22,207						
PLUMBER	21,957						
CARPENTER	21,788						
PAINTER	21,788						
GROUNDSKEEPER	21,288						
LABORER	18,374						
CUSTODIAN	18,608						
HVAC TECH							
PROGRAMMER	25,000						
SUPPORT STAFF	20,814						
GEN MAINT TECHNICIAN	21,576						

APPA COMPARATIVE COST & STAFFING SURVEY
Statistical Reduction by Region

AUSTRALIAN REGION

INSTITUTION TYPE	Research 1	Doctorate Granting 2	Compre- hensive 3	Liberal Arts 4	Two-Year Collete 5	Profes- sional 6	Other 7
ENERGY, ETC							
ELECTRICITY:PURCH	14,173,533						
ELECTRICAL COSTS	1,382,013						
ELECTR CO-GEN KWH							
ELECTR CO-GEN COSTS							
UTL GAS PURCH MCF	106						
UTL GAS COSTS	129,734						
TRANS GAS MCF							
TRANS GAS COSTS							
GAS COST AT SOURCE							
TRANSPORTATION COST							
OIL GRADE 2:PURCH GAL	48,360						
OIL GRADE 2:COST	80,626						
OIL GRADE 4:PURCH GAL	68,763						
OIL GRADE 4:COST	67,464						
OIL GRADE 5:PURCH GAL							
OIL GRADE 5:COST							
OIL GRADE 6:PURCH GAL							
OIL GRADE 6:COST							
OIL,OTH TYPES:PURCH GAL							
OIL,OTH TYPES:COST							
COAL:PURCH TONS	2,482						
COAL: COSTS	128,900						
SOURCE #1:PURCH	8,708,330						
SOURCE #1:COSTS	204,996						
SOURCE #2:PURCH							
SOURCE #2:COSTS							
WATER CCF							
WATER COSTS	71,690						
SEWER CCF	54,223						
SEWER COST							
WATER & SEWER CCF	437,500						
WATER & SEWER COST	140,000						

APPA COMPARATIVE COST & STAFFING SURVEY
Statistical Reduction by Region

INTERNATIONAL REGION

INSTITUTION TYPE	Research	Doctorate Granting	Compre- hensive	Liberal Arts	Two-year College	Profes- sional	Other
	1	2	3	4	5	6	7
COST PER GSF							
ADMIN							
ENG/ARCH							
BLDG MAINT							
CUSTODIAL							
GROUNDS							
UTILITIES							
MOTOR POOL							
OTHER 1							
OTHER 2							
OTHER 3							
MISC. COSTS							
BENEFITS PERCENT							
DEF MAINT BUDGET							
CRDM OUTSTANDING							
SALARY INFORMATION							
PHYS PLT C.E.O.	30,593						
ASSISTANT	26,602						
ENGINEER/ARCH							
SUPERINTENDENT	12,055						
SUPERVISOR	8,145						
ELECTRICIAN	5,864						
PLUMBER	5,864						
CARPENTER	5,864						
PAINTER	4,887						
GROUNDSKEEPER							
LABORER	3,910						
CUSTODIAN							
HVAC TECH	5,864						
PROGRAMMER	13,032						
SUPPORT STAFF	5,702						
GEN MAINT	5,702						
TECHNICIAN	5,864						

INTERNATIONAL REGION

INSTITUTION TYPE	Research 1	Doctorate Granting 2	Compre-hensive 3	Liberal Arts 4	Two-year College 5	Profes-sional 6	Other 7
ENERGY, ETC							
ELECTRICITY:PURCH	136,079,010						
ELECTRICAL COSTS	5,099,300						
ELECTR CO-GEN KWH							
ELECTR CO-GEN COSTS							
UTL GAS PURCH MCF	2,900						
UTL GAS COSTS	1,240						
TRANS GAS MCF							
TRANS GAS COSTS							
GAS COST AT SOURCE							
TRANSPORTATION COST							
OIL GRADE 2:PURCH GAL							
OIL GRADE 2:COST	1,805,909						
OIL GRADE 4:PURCH GAL							
OIL GRADE 4:COST							
OIL GRADE 5:PURCH GAL							
OIL GRADE 5:COST							
OIL GRADE 6:PURCH GAL							
OIL GRADE 6:COST							
OIL,OTH TYPES:PURCH GAL							
OIL,OTH TYPES:COST							
COAL:PURCH TONS							
COAL: COSTS							
SOURCE #1:PURCH							
SOURCE #1:COSTS							
SOURCE #2:PURCH							
SOURCE #2:COSTS							
WATER CCF							
WATER COSTS							
SEWER CCF	16,157						
SEWER COST	552,567						
WATER & SEWER CCF							
WATER & SEWER COST							

SUMMARY OF COST DATA BY FTE ENROLLMENT

SUMMARY OF COST PER GSF BY CARNEGIE CLASSIFICATION
for institutions with STUDENT FTE up to 1,999

	ADMIN COST	ENG/ARCH COST	BLDG. MAINT. COST	CUSTODIAL COST	GROUNDS COST	UTILS DISTR. COST	MOTOR POOL COST
CLASSIFICATION: RESEARCH							
MINIMUM	0.770	0.130	0.520	0.650	0.660	0.120	0.330
MAXIMUM	0.770	0.130	0.520	0.650	0.660	0.120	0.330
MEAN	0.770	0.130	0.520	0.650	0.660	0.120	0.330
CLASSIFICATION: COMPREHENSIVE							
MINIMUM	0.119	0.040	0.360	0.370	0.060	0.150	0.060
MAXIMUM	17.300	0.090	95.800	38.500	0.420	127.500	10.712
MEAN	2.299	0.065	12.560	5.525	0.239	21.741	2.709
CLASSIFICATION: LIBERAL ARTS							
MINIMUM	0.091	0.015	0.350	0.041	0.020	0.034	0.021
MAXIMUM	1.460	0.232	1.450	2.278	0.791	68.000	0.214
MEAN	0.272	0.105	0.911	0.806	0.304	3.532	0.108
CLASSIFICATION: 2-YR., JR. OR TECH.							
MINIMUM	0.090	0.070	0.350	0.488	0.010	0.125	0.070
MAXIMUM	13.259	6.030	6.530	1.680	29.970	1.790	0.110
MEAN	1.068	2.063	1.239	0.899	2.281	1.203	0.094
CLASSIFICATION: PROFESSIONAL/SPECIALIZED							
MINIMUM	0.094	0.049	0.360	0.501	0.019	0.179	0.052
MAXIMUM	1.710	0.410	7.400	2.223	2.500	3.780	0.240
MEAN	0.559	0.155	1.640	1.250	0.406	1.141	0.111
TOTALS FOR ALL CLASSIFICATIONS IN THIS SIZE GROUP							
MINIMUM	0.090	0.015	0.350	0.041	0.010	0.034	0.021
MAXIMUM	17.300	6.030	95.800	38.500	29.970	127.500	10.712
MEAN	0.754	0.388	2.480	1.472	0.800	4.725	0.548

SUMMARY OF COST PER GSF BY CARNEGIE CLASSIFICATION
for institutions with STUDENT FTE between 2000 and 4999

	ADMIN COST	ENG/ARCH COST	BLDG. MAINT. COST	CUSTODIAL COST	GROUNDS COST	UTILS DISTR. COST	MOTOR POOL COST
CLASSIFICATION: RESEARCH							
MINIMUM	0.123	0.022	0.749	0.597	0.090	0.276	0.018
MAXIMUM	4.230	0.138	17.680	15.790	0.940	4.720	2.750
MEAN	1.239	0.080	5.446	4.507	0.358	1.841	1.384
CLASSIFICATION: DOCTORATE GRANTING							
MINIMUM	0.175	0.030	0.370	0.434	0.040	0.086	0.048
MAXIMUM	0.550	0.030	1.523	0.941	0.479	1.660	0.090
MEAN	0.307	0.030	0.865	0.698	0.219	0.939	0.062
CLASSIFICATION: COMPREHENSIVE							
MINIMUM	0.090	0.008	0.070	0.350	0.030	0.090	0.037
MAXIMUM	0.650	0.480	1.590	2.180	0.631	1.500	116.020
MEAN	0.252	0.110	0.869	0.871	0.264	0.637	8.394
CLASSIFICATION: LIBERAL ARTS							
MINIMUM	0.070	0.025	0.093	0.041	0.006	0.157	0.048
MAXIMUM	9.200	0.071	2.260	1.730	36.430	1.315	0.283
MEAN	0.876	0.044	1.094	0.863	3.266	0.511	0.152
CLASSIFICATION: 2-YR., JR. OR TECH.							
MINIMUM	0.020	0.021	0.479	0.563	0.050	0.020	0.020
MAXIMUM	3.090	0.510	1.740	2.170	0.647	1.664	0.170
MEAN	0.419	0.143	0.894	1.037	0.322	0.809	0.078
CLASSIFICATION: PROFESSIONAL/SPECIALIZED							
MINIMUM	0.085	0.032	0.510	0.380	0.030	0.038	0.024
MAXIMUM	0.700	0.542	2.080	1.830	0.281	0.809	0.041
MEAN	0.286	0.175	1.159	1.170	0.137	0.485	0.032
CLASSIFICATION: OTHER							
MINIMUM	0.350		0.650	1.720		1.270	
MAXIMUM	0.350		0.650	1.720		1.270	
MEAN	0.350		0.650	1.720		1.270	
TOTALS FOR ALL CLASSIFICATIONS IN THIS SIZE GROUP							
MINIMUM	0.020	0.008	0.070	0.041	0.006	0.020	0.018
MAXIMUM	9.200	0.542	17.680	15.790	36.430	4.720	116.020
MEAN	0.459	0.115	1.170	1.126	0.759	0.738	3.488

SUMMARY OF COST PER GSF BY CARNEGIE CLASSIFICATION
for institutions with STUDENT FTE between 5000 and 11999

	ADMIN COST	ENG/ARCH COST	BLDG. MAINT. COST	CUSTODIAL COST	GROUNDS COST	UTILS DISTR. COST	MOTOR POOL COST
CLASSIFICATION: RESEARCH							
MINIMUM	0.030	0.023	0.342	0.410	0.120	0.066	0.011
MAXIMUM	0.598	0.510	1.470	1.452	0.890	2.130	0.059
MEAN	0.213	0.188	0.894	0.819	0.269	0.477	0.034
CLASSIFICATION: DOCTORATE GRANTING							
MINIMUM	0.035	0.004	0.082	0.049	0.034	0.054	0.007
MAXIMUM	3.000	0.110	1.610	1.870	0.670	2.770	0.161
MEAN	0.288	0.056	0.679	0.793	0.232	0.681	0.074
CLASSIFICATION: COMPREHENSIVE							
MINIMUM	0.010	0.010	0.213	0.280	0.070	0.080	0.015
MAXIMUM	0.411	0.742	1.310	1.471	0.441	2.196	0.503
MEAN	0.172	0.111	0.675	0.791	0.209	0.517	0.089
CLASSIFICATION: LIBERAL ARTS							
MINIMUM		0.517	0.980	1.164		0.499	
MAXIMUM		0.517	0.980	1.164		0.499	
MEAN		0.517	0.980	1.164		0.499	
CLASSIFICATION: 2-YR., JR. OR TECH.							
MINIMUM	0.127	0.016	0.660	0.630	0.059	0.125	0.109
MAXIMUM	0.624	0.458	1.530	10.406	0.691	2.556	0.190
MEAN	0.241	0.179	1.008	2.051	0.355	1.212	0.147
CLASSIFICATION: PROFESSIONAL/SPECIALIZED							
MINIMUM	0.476	0.185	3.843			5.500	
MAXIMUM	0.476	0.185	3.843			5.500	
MEAN	0.476	0.185	3.843			5.500	
TOTALS FOR ALL CLASSIFICATIONS IN THIS SIZE GROUP							
MINIMUM	0.010	0.004	0.082	0.049	0.034	0.054	0.007
MAXIMUM	3.000	0.742	3.843	10.406	0.890	5.500	0.503
MEAN	0.225	0.122	0.809	0.997	0.249	0.718	0.084

SUMMARY OF COST PER GSF BY CARNEGIE CLASSIFICATION
for institutions with STUDENT FTE between 12000 and 19999

	ADMIN COST	ENG/ARCH COST	BLDG. MAINT. COST	CUSTODIAL COST	GROUNDS COST	UTILS DISTR. COST	MOTOR POOL COST
CLASSIFICATION: RESEARCH							
MINIMUM	0.064	0.007	0.392	0.495	0.079	0.064	0.008
MAXIMUM	0.670	0.880	1.921	1.792	0.412	1.772	0.240
MEAN	0.216	0.167	0.983	0.914	0.228	0.493	0.067
CLASSIFICATION: DOCTORATE GRANTING							
MINIMUM	0.059	0.030	0.213	0.067	0.040	0.054	0.010
MAXIMUM	0.547	0.290	1.248	1.541	0.441	1.620	0.194
MEAN	0.204	0.113	0.832	0.854	0.184	0.729	0.099
CLASSIFICATION: COMPREHENSIVE							
MINIMUM	0.064	0.035	0.390	0.093	0.021	0.260	0.022
MAXIMUM	0.488	0.110	2.210	1.772	0.434	2.110	0.150
MEAN	0.320	0.083	0.968	1.025	0.235	0.873	0.086
CLASSIFICATION: 2-YR., JR. OR TECH.							
MINIMUM	0.030	0.129	0.413	0.718	0.090	0.030	0.060
MAXIMUM	0.560	0.129	1.310	1.470	0.445	0.271	0.152
MEAN	0.233	0.129	0.891	1.105	0.275	0.137	0.117
CLASSIFICATION: PROFESSIONAL/SPECIALIZED							
MINIMUM	0.080	0.016	0.738	0.094	0.227	2.343	0.053
MAXIMUM	0.113	0.250	1.520	0.894	0.500	2.343	0.053
MEAN	0.096	0.133	1.129	0.494	0.363	2.343	0.053
TOTALS FOR ALL CLASSIFICATIONS IN THIS SIZE GROUP							
MINIMUM	0.030	0.007	0.213	0.067	0.021	0.030	0.008
MAXIMUM	0.670	0.880	2.210	1.792	0.500	2.343	0.240
MEAN	0.233	0.131	0.940	0.935	0.233	0.648	0.087

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              SUMMARY OF COST PER GSF BY CARNEGIE CLASSIFICATION
              for institutions with STUDENT FTE over 20000
=========================================================================
          ADMIN   ENG/ARCH    BLDG.    CUSTODIAL GROUNDS   UTILS    MOTOR
          COST    COST        MAINT.   COST      COST      DISTR.   POOL
                              COST                         COST     COST
-------------------------------------------------------------------------
CLASSIFICATION:  RESEARCH
MINIMUM    0.021    0.012      0.321    0.435     0.051     0.018    0.018
MAXIMUM    0.757    0.289      2.010    1.727    13.000     2.968    0.470
MEAN       0.195    0.109      0.863    0.814     0.520     0.809    0.140
-------------------------------------------------------------------------
CLASSIFICATION:  DOCTORATE GRANTING
MINIMUM    0.078    0.030      0.307    0.509     0.086     0.100    0.004
MAXIMUM    8.050    3.790      1.650    1.652     2.150     2.080    0.074
MEAN       0.893    0.437      0.768    0.917     0.417     0.530    0.046
-------------------------------------------------------------------------
CLASSIFICATION:  COMPREHENSIVE
MINIMUM    0.459    0.127      0.874    1.350     0.462     0.126    0.137
MAXIMUM    0.459    0.127      0.874    1.350     0.462     0.126    0.137
MEAN       0.459    0.127      0.874    1.350     0.462     0.126    0.137
-------------------------------------------------------------------------
CLASSIFICATION:  LIBERAL ARTS
MINIMUM    0.130    0.080      0.450    0.590     0.120     0.038    0.054
MAXIMUM    0.170    0.204      1.031    1.044     0.300     0.340    0.060
MEAN       0.144    0.142      0.647    0.878     0.235     0.216    0.058
-------------------------------------------------------------------------
CLASSIFICATION:  2-YR., JR. OR TECH.
MINIMUM    0.790    0.080      1.780              1.190
MAXIMUM    0.790    0.080      1.780              1.190
MEAN       0.790    0.080      1.780              1.190
-------------------------------------------------------------------------
CLASSIFICATION:  PROFESSIONAL/SPECIALIZED
MINIMUM    0.319               1.430    0.726     0.081              0.178
MAXIMUM    0.319               1.430    0.726     0.081              0.178
MEAN       0.319               1.430    0.726     0.081              0.178
-------------------------------------------------------------------------
-------------------------------------------------------------------------
TOTALS FOR ALL CLASSIFICATIONS IN THIS SIZE GROUP

MINIMUM    0.021     0.012     0.307     0.435     0.051    0.018    0.004
MAXIMUM    8.050     3.790     2.010     1.727    13.000    2.968    0.470
MEAN       0.342     0.183     0.860     0.845     0.489    0.711    0.109
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INSTITUTION NAME	STUDENT FTE	CAMPUS GSF
AIMS COMMUNITY COLLEGE	1,212	290,000
ALMA COLLEGE	1,200	729,734
ALPENA COMMUNITY COLLEGE	1,325	289,266
ALVIN COMMUNITY COLLEGE	2,796	343,343
AMERICAN GRADUATE SCHOOL OF INTERNATIONAL MANAGEMENT	1,156	325,000
AMERICAN UNIVERSITY	11,300	2,180,000
AMHERST COLLEGE	1,570	2,177,926
ANNE ARUNDEL COMMUNITY COLLEGE	7,597	437,180
AQUINAS COLLEGE	1,791	516,624
ARIZONA STATE UNIVERSITY	34,617	7,381,292
ARMSTRONG STATE COLLEGE	2,786	427,067
ATLANTIC COMMUNITY COLEGE	1,497	302,000
AURARIA HIGHER EDUCATION CENTER	21,527	1,375,602
AZUSA PACIFIC UNIVERSITY	1,650	448,796
BALL STATE UNIVERSITY	18,900	5,490,672
BAYLOR COLLEGE OF MEDICINE	981	1,075,000
BAYLOR UNIVERSITY	11,630	3,231,754
BEAVER COLLEGE	1,308	404,821
BELOIT COLLEGE	1,104	961,832
BETHEL COLLEGE	598	404,577
BETHEL COLLEGE AND SEMINARY	2,360	831,000
BLACK HAWK COLLEGE	3,700	343,840
BLACK HILLS STATE UNIVERSITY	1,957	638,629
BLINN COLLEGE	2,246	430,457
BLOOMSBURG UNIVERSITY	6,030	1,753,616
BOISE STATE UNIVERSITY	9,048	2,022,234
BOWDOIN COLLEGE	1,355	1,345,943
BRADLEY UNIVERSITY	4,927	1,418,639
BRAZOSPORT COLLEGE	1,759	359,000
BRENAU COLLEGE	1,591	450,782
BRISTOL COMMUNITY COLLEGE	2,246	409,350
BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY	7,524	1,905,285
BUCKNELL UNIVERSITY	3,532	1,983,253
BUTLER UNIVERSITY	3,000	1,300,000
CABRINI COLLEGE	1,025	330,000
CALIFORNIA COLLEGE OF PODIATRIC MEDICINE	350	98,000
CALIFORNIA POLYTECHNIC STATE UNIVERSITY	15,658	2,820,462
CALIFORNIA STATE UNIVERSITY - CHICO	14,100	2,125,000
CALIFORNIA STATE UNIVERSITY - FRESNO	15,848	2,181,420
CALIFORNIA STATE UNIVERSITY - HAYWARD	11,500	1,300,000
CALIFORNIA STATE UNIVERSITY - LONG BEACH	23,266	2,849,091
CALIFORNIA STATE UNIVERSITY - SACRAMENTO	18,550	1,852,745
CANADIAN MEMORIAL CHIROPRACTIC COLLEGE	600	100,000
CASTLETON STATE COLLEGE	1,969	452,598
CATONSVILLE COMMUNITY COLLEGE	8,038	541,412
CEDAR CREST COLLEGE	1,000	564,380
CEGEP LIONEL-GROULX	2,476	630,000
CENTRAL COLLEGE	1,656	706,670
CENTRAL MICHIGAN UNIVERSITY	17,229	4,121,340
CENTRAL MISSOURI STATE UNIVERSITY	9,499	3,093,424
CENTRAL WASHINGTON UNIVERSITY	6,643	1,375,200
CERRITOS COMMUNITY COLLEGE	12,100	711,404
CLAREMONT COLLEGES	4,846	3,237,585
CLARK COLLEGE	4,808	506,200
CLARK UNIVERSITY	2,220	1,349,513
CLEMSON UNIVERSITY	15,193	5,149,753
CLEVELAND STATE UNIVERSITY	12,062	3,247,390
COAST COMMUNITY COLLEGE DISTRICT - ORANGE COAST COLLEGE CAMPUS	14,577	679,121

APPA TABLE 1-A: ALPHABETICAL INDEX OF INSTITUTIONS

INSTITUTION NAME	STUDENT FTE	CAMPUS GSF
COLBY COLLEGE	1,700	1,089,370
COLLEGE DE SHERBROOKE	4,600	750,000
COLLEGE OF DUPAGE	14,700	1,139,965
COLLEGE OF WILLIAM & MARY	6,871	2,192,995
COLORADO COLLEGE	1,865	1,454,071
COLORADO STATE UNIVERSITY	20,149	7,138,821
COLUMBIA STATE COMMUNITY COLLEGE	1,823	295,135
COLUMBIA UNIVERSITY	16,340	5,578,294
COLUMBUS STATE COMMUNITY COLLEGE	6,000	447,000
COMMUNITY COLLEGES OF SPOKANE	3,701	1,300,000
CONCORDIA COLLEGE	2,885	1,141,721
CONESTOGA COLLEGE	3,650	496,117
CONTRA COSTA COMMUNITY COLLEGE DISTRICT	23,000	11,111,618
CORNELL UNIVERSITY	18,580	11,200,000
CUYAHOGA COMMUNITY COLLEGE	12,037	1,740,576
DALHOUSIE UNIVERSITY	10,000	3,800,000
DEFIANCE COLLEGE	774	340,452
DELAWARE TECHNICAL AND COMMUNITY COLLEGE - SOUTHERN CAMPUS	2,200	300,000
DORDT COLLEGE	998	410,000
EAST CAROLINA UNIVERSITY	16,000	3,712,690
EAST GEORGIA COLLEGE	398	69,835
EASTERN ILLINOIS UNIVERSITY	10,500	2,571,770
EASTERN MONTANA COLLEGE	3,162	844,729
EASTERN WASHINGTON UNIVERSITY	7,427	2,208,943
ECKERD COLLEGE	1,350	519,434
EL CAMINO COLLEGE	13,450	1,228,244
EL PASO COMMUNITY COLLEGE	16,557	690,531
ELIZABETHTOWN COLLEGE	1,652	684,719
ELON COLLEGE	3,092	810,000
EMBRY-RIDDLE AERONAUTICAL UNIVERSITY	4,868	635,805
EMERSON COLLEGE	2,117	639,000
EMPORIA STATE UNIVERSITY	5,016	1,558,718
EVERGREEN STATE COLLEGE	3,200	1,000,000
FLORIDA A&M UNIVERSITY	7,504	1,896,105
FLORIDA COMMUNITY COLLEGE - JACKSONVILLE	17,238	1,665,595
FOOTHILL-DE ANZA COMMUNITY COLLEGE DISTRICT	25,540	1,028,781
FORT VALLEY STATE COLLEGE	1,747	983,226
FURMAN UNIVERSITY	2,733	1,230,996
GENESEE COMMUNITY COLLEGE	1,080	300,000
GEORGE MASON UNIVERSITY	19,747	2,231,480
GEORGE WASHINGTON UNIVERSITY	13,072	3,978,455
GEORGETOWN COLLEGE	1,063	577,025
GEORGETOWN UNIVERSITY	9,947	5,500,000
GEORGIA INSTITUTE OF TECHNOLOGY	12,000	5,000,000
GEORGIA SOUTHWESTERN COLLEGE	1,829	730,391
GUSTAVUS ADOLPHUS COLLEGE	2,348	1,195,249
HAMLINE UNIVERSITY	2,458	792,808
HAVERFORD COLLEGE	1,159	1,164,000
HAWKEYE INSTITUTE OF TECHNOLOGY	3,472	387,660
HAYWOOD COMMUNITY COLLEGE	1,767	234,781
HESSTON COLLEGE	540	287,460
HOCKING TECHNICAL COLLEGE	2,989	284,000
IDAHO STATE UNIVERSITY	6,280	2,417,465
ILLINOIS INSTITUTE OF TECHNOLOGY	3,489	1,618,488
ILLINOIS STATE UNIVERSITY	19,211	5,300,000
ILLINOIS VALLEY COMMUNITY COLLEGE	2,409	310,294
INDIANA STATE UNIVERSITY	12,000	4,554,064
INDIANA UNIVERSITY	30,084	12,640,553

APPA TABLE 1-A: ALPHABETICAL INDEX OF INSTITUTIONS

INSTITUTION NAME	STUDENT FTE	CAMPUS GSF
INDIANA UNIVERSITY OF PENNSYLVANIA	11,953	2,709,064
INSTITUTO TECHNOLOGICO Y DE ESTUDIOS SUPERIORES DE MONTERREY	12,188	1,413,183
INTER AMERICAN UNIVERSITY OF PUERTO RICO - GUAYAMA REGIONAL COL	1,325	56,341
IOWA STATE UNIVERSITY	23,539	11,566,963
JACKSON COMMUNITY COLLEGE	3,500	496,000
JOHN TYLER COMMUNITY COLLEGE	1,982	150,000
JOHNSON & WALES UNIVERSITY	7,148	1,349,404
JOHNSON COUNTY COMMUNITY COLLEGE	6,157	568,357
KANSAS STATE UNIVERSITY	20,110	6,126,130
KENTUCKY STATE UNIVERSITY	2,000	904,743
KING FAHD UNIVERSITY OF PETROLEUM & MINERALS	4,683	6,006,114
LAFAYETTE COLLEGE	2,113	1,177,000
LAVAL UNIVERSITY	36,000	5,989,742
LENOIR-RHYNE COLLEGE	1,500	437,978
LINCOLN LAND COMMUNITY COLLEGE	3,800	319,925
LINFIELD COLLEGE	1,254	555,965
LONGWOOD COLLEGE	3,340	1,144,005
LOUISIANA STATE UNIVERSITY - SHREVEPORT	4,200	650,000
LOUISIANA STATE UNIVERSITY A&M COLLEGE	22,593	8,419,000
LOYALIST COLLEGE OF ARTS & TECHNOLOGY	2,400	412,597
LOYOLA COLLEGE IN MARYLAND	3,000	1,186,718
LOYOLA MARYMOUNT UNIVERSITY	3,675	1,100,287
LSU MEDICAL CENTER - SHPEVEPORT	556	1,472,896
LYCOMING COLLEGE	1,200	743,022
MACALESTER COLLEGE	1,780	975,000
MANSFIELD STATE UNIVERSITY	3,200	1,201,194
MARQUETTE UNIVERSITY	10,586	3,302,819
MARYVILLE COLLEGE	3,100	375,000
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	9,536	8,930,673
MAUI COMMUNITY COLLEGE	1,100	196,000
MCGILL UNIVERSITY	19,280	6,240,693
MCMASTER UNIVERSITY	12,622	2,934,676
MEDICAL COLLEGE OF OHIO	600	1,380,895
MEDICAL UNIVERSITY OF SOUTH CAROLINA	2,194	2,977,335
MEDICINE HAT COLLEGE	2,200	879,214
MEMORIAL UNIVERSITY OF NEWFOUNDLAND	13,741	2,278,020
MEMPHIS STATE UNIVERSITY	15,531	3,997,552
MERCER UNIVERSITY - ATLANTA	1,394	264,374
MESSIAH COLLEGE	2,246	1,018,085
MIAMI UNIVERSITY	16,157	5,321,002
MIAMI-DADE COMMUNITY COLLEGE	60,000	2,000,000
MICHIGAN STATE UNIVERSITY	38,954	19,402,646
MICHIGAN TECHNOLOGICAL UNIVERSITY	6,662	2,498,222
MILLERSVILLE UNIVERSITY	7,300	1,600,000
MILLSAPS COLLEGE	1,318	567,500
MILWAUKEE SCHOOL OF ENGINEERING	3,000	841,000
MISSISSIPPI STATE UNIVERSITY	13,149	5,089,353
MOHAWK VALLEY COMMUNITY COLLEGE	4,998	565,464
MONTANA COLLEGE OF MINERAL SCIENCE & TECHNOLOGY	4,090	592,464
MONTANA STATE UNIVERSITY	9,572	4,051,369
MONTCALM COMMUNITY COLLEGE	1,300	137,000
MORAVIAN COLLEGE	1,329	750,000
MOREHEAD STATE UNIVERSITY	6,500	2,600,000
MOUNT HOLYOKE COLLEGE	1,973	1,953,192
MOUNTAIN EMPIRE COMMUNITY COLLEGE	1,620	123,611
MURRAY STATE UNIVERSITY	6,387	3,071,040
MUSKEGON COMMUNITY COLLEGE	1,192	312,842
NASHVILLE STATE TECHNICAL INSTITUTE	2,391	264,207

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INSTITUTION NAME	STUDENT FTE	CAMPUS GSF
NEW MEXICO HIGHLANDS UNIVERSITY	1,869	777,623
NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY	930	970,528
NEW YORK MEDICAL COLLEGE	1,200	500,000
NEW YORK UNIVERSITY MEDICAL CENTER	5,440	1,500,000
NORTH CAROLINA STATE UNIVERSITY	26,209	8,779,961
NORTH DAKOTA STATE UNIVERSITY	8,379	2,965,796
NORTHEASTERN JUNIOR COLLEGE	1,800	550,000
NORTHEASTERN STATE UNIVERSITY	9,000	1,388,376
NORTHERN ILLINOIS UNIVERSITY	19,892	5,449,087
NORTHERN STATE UNIVERSITY	3,010	742,334
NORTHERN TERRITORY UNIVERSITY	3,353	592,034
NORTHWESTERN UNIVERSITY	13,121	7,805,804
OAKTON COMMUNITY COLLEGE	4,886	346,140
OCCIDENTAL COLLEGE	1,634	998,963
OHIO STATE UNIVERSITY - COLUMBUS	47,040	19,319,111
OHIO WESLEYAN UNIVERSITY	1,824	1,285,539
OLD DOMINION UNIVERSITY	16,000	1,740,247
OREGON HEALTH SCIENCES UNIVERSITY	1,200	2,531,000
OREGON STATE UNIVERSITY	15,404	5,925,380
OUR LADY OF THE LAKE UNIVERSITY - SAN ANTONIO	2,300	433,474
PASSAIC COUNTY COMMUNITY COLLEGE	1,675	200,000
PENN STATE UNIVERSITY	36,000	12,479,328
PERALTA COMMUNITY COLLEGE DISTRICT	5,800	1,229,579
PFEIFFER COLLEGE	830	456,694
PITTSBURG STATE UNIVERSITY	5,044	1,495,056
POMONA COLLEGE	1,400	1,150,000
PORTLAND STATE UNIVERSITY	14,838	3,203,630
PRINCE GEORGE'S COMMUNITY COLLEGE	6,559	584,683
PURDUE UNIVERSITY - CALUMET	8,000	676,000
PURDUE UNIVERSITY - NORTH CENTRAL	1,794	227,253
PURDUE UNIVERSITY - WEST LAFAYETTE	33,884	13,469,479
RADFORD UNIVERSITY	8,203	1,935,365
RARITAN VALLEY COMMUNITY COLLEGE	2,572	382,789
RED ROCKS COMMUNITY COLLEGE	1,192	268,110
REED COLLEGE	1,200	652,221
RENSSELAER POLYTECHNIC INSTITUTE	6,151	3,471,727
RICKS COLLEGE	7,606	1,656,774
RIDER COLLEGE	3,100	1,038,864
ROCHESTER INSTITUTE OF TECHNOLOGY	13,298	3,069,590
ROSEMONT COLLEGE	550	435,000
RUTGERS UNIVERSITY	39,296	13,158,043
SAINT FRANCIS COLLEGE	1,258	500,000
SALEM ACADEMY AND COLLEGE	1,059	480,056
SAM HOUSTON STATE UNIVERSITY	9,935	3,599,710
SAN DIEGO STATE UNIVERSITY	26,740	4,467,226
SAN JOSE STATE UNIVERSITY	21,864	4,267,978
SANGAMON STATE UNIVERSITY	2,031	652,421
SCHOOL OF THE ART INSTITUTE OF CHICAGO	1,600	266,400
SEATTLE PACIFIC UNIVERSITY	2,829	814,722
SHERIDAN COLLEGE	10,000	942,000
SINCLAIR COMMUNITY COLLEGE	7,783	1,488,943
SIR SANDFORD FLEMING COLLEGE	4,002	607,700
SOUTH DAKOTA STATE UNIVERSITY	6,379	2,631,486
SOUTH MOUNTAIN COMMUNITY COLLEGE	1,089	146,926
SOUTH SUBURBAN COLLEGE (COMMUNITY COLLEGE DISTRICT 510)	4,956	496,000
SOUTHEAST MISSOURI STATE UNIVERSITY	8,061	2,006,303
SOUTHEASTERN COMMUNITY COLLEGE	1,189	171,500
SOUTHERN BAPTIST THEOLOGICAL SEMINARY	2,400	1,082,882

APPA TABLE 1-A: ALPHABETICAL INDEX OF INSTITUTIONS

INSTITUTION NAME	STUDENT FTE	CAMPUS GSF
SOUTHERN ILLINOIS UNIVERSITY - CARBONDALE	24,000	6,469,406
SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE	288	519,471
SOUTHERN METHODIST UNIVERSITY	7,452	2,810,000
SOUTHWESTERN UNIVERSITY	1,174	619,805
ST. LAWRENCE UNIVERSITY	21,000	1,600,000
ST. LOUIS COMMUNITY COLLEGE - FLORISSANT VALLEY	11,000	535,000
ST. MARY'S UNIVERSITY	3,458	911,205
ST. NORBERT COLLEGE	1,951	841,465
ST. VINCENT COLLEGE	1,200	874,595
STATE TECHNICAL INSTITUTE - MEMPHIS	4,353	376,483
STATE UNIVERSITY OF NEW YORK - BUFFALO	23,408	8,153,490
STEPHEN F. AUSTIN STATE UNIVERSITY	10,943	2,867,058
STEVENS INSTITUTE OF TECHNOLOGY	1,904	1,178,788
SWARTHMORE COLLEGE	1,283	1,396,475
TENNESSEE STATE UNIVERSITY	5,805	2,072,614
TEXAS A&I UNIVERSITY	5,393	1,702,000
TEXAS A&M UNIVERSITY	35,629	13,960,800
TEXAS CHRISTIAN UNIVERSITY	5,808	2,589,616
TEXAS TECH UNIVERSITY	25,027	6,315,936
THADDEUS STEVENS STATE SCHOOL OF TECHNOLOGY	428	235,394
THOMAS JEFFERSON UNIVERSITY	2,142	3,272,241
TOMPKINS-CORTLAND COMMUNITY COLLEGE	1,790	310,000
TOWSON STATE UNIVERSITY	11,218	2,649,999
TRINITY COLLEGE	1,840	1,300,000
TRINITY UNIVERSITY	2,383	1,878,120
TRUCKEE MEADOWS COMMUNITY COLLEGE	3,006	193,000
TULANE UNIVERSITY	9,969	2,914,448
UNITED STATES MILITARY ACADEMY	4,300	664,700
UNIVERSITY OF AKRON	20,423	4,990,628
UNIVERSITY OF ALABAMA - BIRMINGHAM	11,791	6,421,289
UNIVERSITY OF ALABAMA - TUSCALOOSA	19,200	5,976,469
UNIVERSITY OF ALBERTA	25,039	11,422,000
UNIVERSITY OF ARIZONA MAIN CAMPUS & ARIZONA HEALTH SCIENCES CTR	32,207	6,172,163
UNIVERSITY OF ARKANSAS - FAYETTEVILLE	14,281	5,452,056
UNIVERSITY OF ARKANSAS - MONTICELLO	2,500	765,000
UNIVERSITY OF CALGARY	20,730	6,571,355
UNIVERSITY OF CALIFORNIA - BERKELEY	31,123	12,948,626
UNIVERSITY OF CALIFORNIA - DAVIS	22,569	9,110,382
UNIVERSITY OF CALIFORNIA - RIVERSIDE	7,600	2,818,926
UNIVERSITY OF CALIFORNIA - SAN DIEGO	17,145	8,601,000
UNIVERSITY OF CALIFORNIA - SAN FRANCISCO	3,666	5,051,250
UNIVERSITY OF CALIFORNIA - SANTA BARBARA	19,082	4,163,295
UNIVERSITY OF CALIFORNIA - SANTA CRUZ	9,512	2,817,013
UNIVERSITY OF CINCINNATI	26,297	8,600,000
UNIVERSITY OF COLORADO - BOULDER	24,369	7,500,000
UNIVERSITY OF COLORADO HEALTH SCIENCES CENTER	1,652	1,731,922
UNIVERSITY OF CONNECTICUT	16,000	5,859,000
UNIVERSITY OF CONNECTICUT HEALTH CENTER	1,218	1,300,000
UNIVERSITY OF DELAWARE	17,459	5,944,521
UNIVERSITY OF FLORIDA	28,564	13,687,555
UNIVERSITY OF GEORGIA	27,448	8,288,954
UNIVERSITY OF GUELPH	10,798	4,940,182
UNIVERSITY OF HARTFORD	4,221	1,086,003
UNIVERSITY OF HOUSTON	21,942	5,867,462
UNIVERSITY OF IDAHO	7,182	3,192,422
UNIVERSITY OF ILLINOIS - CHICAGO	24,195	8,239,320
UNIVERSITY OF ILLINOIS - URBANA/CHAMPAIGN	35,032	15,890,000
UNIVERSITY OF ILLINOIS COLLEGE OF MEDICINE - ROCKFORD	170	178,669

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INSTITUTION NAME	STUDENT FTE	CAMPUS GSF
UNIVERSITY OF IOWA	24,431	11,851,656
UNIVERSITY OF KANSAS MEDICAL CENTER	2,500	2,763,498
UNIVERSITY OF KENTUCKY	22,957	10,458,305
UNIVERSITY OF LOUISVILLE	14,707	4,678,062
UNIVERSITY OF MARYLAND - BALTIMORE	4,683	2,707,549
UNIVERSITY OF MARYLAND - COLLEGE PARK	28,235	9,517,642
UNIVERSITY OF MASSACHUSETTS	22,300	6,440,995
UNIVERSITY OF MICHIGAN	34,196	22,362,166
UNIVERSITY OF MINNESOTA - DULUTH	6,845	2,611,880
UNIVERSITY OF MISSISSIPPI	9,673	3,846,017
UNIVERSITY OF MISSOURI - COLUMBIA	20,477	9,149,556
UNIVERSITY OF MONTANA	8,530	2,915,730
UNIVERSITY OF MONTREAL	26,000	5,556,000
UNIVERSITY OF NEBRASKA - LINCOLN	23,962	9,471,159
UNIVERSITY OF NEBRASKA - OMAHA	1,116	2,025,412
UNIVERSITY OF NEBRASKA MEDICAL CENTER	2,112	2,212,738
UNIVERSITY OF NEW HAMPSHIRE	11,566	4,026,280
UNIVERSITY OF NEW MEXICO	17,955	5,400,000
UNIVERSITY OF NEW ORLEANS	10,964	2,076,114
UNIVERSITY OF NORTH CAROLINA - CHAPEL HILL	23,619	10,500,000
UNIVERSITY OF NORTH CAROLINA - GREENSBORO	10,195	2,817,649
UNIVERSITY OF NORTH DAKOTA	11,806	4,688,594
UNIVERSITY OF NORTH TEXAS	20,539	3,882,293
UNIVERSITY OF NORTHERN IOWA	11,635	3,521,746
UNIVERSITY OF OKLAHOMA	15,432	7,642,359
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	2,380	1,377,299
UNIVERSITY OF OREGON	16,576	4,127,010
UNIVERSITY OF OTAGO	10,000	3,000,000
UNIVERSITY OF PUGET SOUND	3,044	1,153,292
UNIVERSITY OF REDLANDS	2,780	867,814
UNIVERSITY OF REGINA	6,791	1,343,782
UNIVERSITY OF RICHMOND	3,824	1,914,599
UNIVERSITY OF ROCHESTER	7,416	5,786,821
UNIVERSITY OF SASKATCHEWAN	15,000	4,068,170
UNIVERSITY OF SOUTH CAROLINA - COLUMBIA	20,869	7,773,424
UNIVERSITY OF SOUTH DAKOTA	5,835	1,860,179
UNIVERSITY OF SOUTHERN CALIFORNIA	23,850	9,800,000
UNIVERSITY OF SOUTHERN COLORADO	3,900	885,751
UNIVERSITY OF SOUTHERN INDIANA	3,892	583,821
UNIVERSITY OF SOUTHERN MISSISSIPPI	10,400	3,006,124
UNIVERSITY OF ST. THOMAS	1,892	385,000
UNIVERSITY OF TENNESSEE - CHATTANOOGA	4,861	1,572,317
UNIVERSITY OF TENNESSEE - KNOXVILLE	20,884	11,204,285
UNIVERSITY OF TEXAS - ARLINGTON	20,380	3,687,903
UNIVERSITY OF TEXAS - AUSTIN	50,245	13,217,732
UNIVERSITY OF TEXAS - SAN ANTONIO	11,202	1,202,723
UNIVERSITY OF TEXAS HEALTH SCIENCES CENTER - HOUSTON	2,531	2,507,085
UNIVERSITY OF TEXAS HEALTH SCIENCES CENTER - SAN ANTONIO	2,362	1,707,772
UNIVERSITY OF TULSA	3,917	1,304,490
UNIVERSITY OF UTAH	25,000	7,354,132
UNIVERSITY OF VERMONT	11,338	3,813,101
UNIVERSITY OF VIRGINIA	17,910	6,745,250
UNIVERSITY OF WAIKATO	5,027	849,631
UNIVERSITY OF WASHINGTON	33,238	13,725,400
UNIVERSITY OF WATERLOO	17,081	4,704,222
UNIVERSITY OF WESTERN ONTARIO	22,326	4,940,000
UNIVERSITY OF WINDSOR	10,753	2,120,911
UNIVERSITY OF WISCONSIN - LA CROSSE	8,964	1,919,027

APPA TABLE 1-A: ALPHABETICAL INDEX OF INSTITUTIONS

INSTITUTION NAME	STUDENT FTE	CAMPUS GSF
UNIVERSITY OF WISCONSIN - MADISON	43,695	16,054,000
UNIVERSITY OF WISCONSIN - MILWAUKEE	16,889	4,671,500
UNIVERSITY OF WISCONSIN - STEVENS POINT	8,224	2,180,180
UNIVERSITY OF WISCONSIN - STOUT	7,322	2,100,996
UNIVERSITY OF WYOMING	10,335	4,464,987
URSINUS COLLEGE	1,116	754,000
UTAH STATE UNIVERSITY	9,991	4,988,026
VANDERBILT UNIVERSITY	9,059	8,137,094
VASSAR COLLEGE	2,269	1,951,454
VIRGINIA COMMONWEALTH UNIVERSITY	21,400	5,848,274
VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	22,557	6,274,631
WAKE FOREST UNIVERSITY	4,397	2,017,692
WASHINGTON AND LEE UNIVERSITY	2,023	1,116,338
WASHINGTON COLLEGE	1,100	466,500
WASHINGTON STATE UNIVERSITY	16,278	9,156,000
WAYNE STATE UNIVERSITY	20,440	8,249,995
WENTWORTH INSTITUTE OF TECHNOLOGY	4,021	1,123,491
WEST CHESTER UNIVERSITY	9,583	2,087,980
WEST LOS ANGELES COLLEGE	9,500	307,640
WEST TEXAS STATE UNIVERSITY	5,718	2,156,262
WEST VIRGINIA STATE COLLEGE	3,143	686,550
WEST VIRGINIA UNIVERSITY	19,000	3,000,000
WESTERN CAROLINA UNIVERSITY	5,482	2,288,127
WESTERN ILLINOIS UNIVERSITY	12,000	4,250,000
WESTERN MICHIGAN UNIVERSITY	17,594	6,306,389
WESTERN OREGON STATE COLLEGE	3,856	1,017,333
WESTERN WASHINGTON UNIVERSITY	8,450	2,607,800
WESTMONT COLLEGE	1,200	400,000
WHEATON COLLEGE	2,350	1,400,000
WICHITA STATE UNIVERSITY	15,926	2,217,230
WILFRID LAURIER UNIVERSITY	5,000	1,000,000
WILLIAM RAINEY HARPER COLLEGE	8,472	733,990
WILLIAMS COLLEGE	2,057	1,889,392
WILMINGTON COLLEGE	875	450,000
WITTENBERG UNIVERSITY	2,217	1,384,498
WORCESTER POLYTECHNIC INSTITUTE	3,900	1,230,000
WRIGHT STATE UNIVERSITY	13,500	1,916,440
XAVIER UNIVERSITY	6,385	1,200,000
YORK UNIVERSITY	32,167	4,641,460
YOSEMITE COMMUNITY COLLEGE DISTRICT	9,775	840,676

APPA TABLE 1-B: INDEX OF INSTITUTIONS, grouped by state/country
with institution names in alphabetical order

STATE /CNTRY	INST. ID	INSTITUTION NAME	FUNDING SOURCE	ACADEMIC PROGRAM
ALABAMA				
	001052	UNIVERSITY OF ALABAMA - BIRMINGHAM	PUBLIC	RESEARCH
	001051	UNIVERSITY OF ALABAMA - TUSCALOOSA	PUBLIC	RESEARCH
ARIZONA				
	001070	AMERICAN GRADUATE SCHOOL OF INTERNATIONAL MANAGEMENT	NON-PUBLIC	PROFESSIONAL/SPECIALIZED
	001081	ARIZONA STATE UNIVERSITY	PUBLIC	RESEARCH
	029242	SOUTH MOUNTAIN COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	001083	UNIVERSITY OF ARIZONA MAIN CAMPUS & ARIZONA HEALTH SCIE	PUBLIC	RESEARCH
ARKANSAS				
	001108	UNIVERSITY OF ARKANSAS - FAYETTEVILLE	PUBLIC	RESEARCH
	001085	UNIVERSITY OF ARKANSAS - MONTICELLO	PUBLIC	COMPREHENSIVE
AUSTRALIA				
	900090	NORTHERN TERRITORY UNIVERSITY	PUBLIC	RESEARCH
CALIFORNIA				
	001117	AZUSA PACIFIC UNIVERSITY	NON-PUBLIC	COMPREHENSIVE
	001135	CALIFORNIA COLLEGE OF PODIATRIC MEDICINE	NON-PUBLIC	PROFESSIONAL/SPECIALIZED
	001143	CALIFORNIA POLYTECHNIC STATE UNIVERSITY	PUBLIC	COMPREHENSIVE
	001146	CALIFORNIA STATE UNIVERSITY - CHICO	PUBLIC	COMPREHENSIVE
	001147	CALIFORNIA STATE UNIVERSITY - FRESNO	PUBLIC	COMPREHENSIVE
	001138	CALIFORNIA STATE UNIVERSITY - HAYWARD	PUBLIC	COMPREHENSIVE
	001136	CALIFORNIA STATE UNIVERSITY - LONG BEACH	PUBLIC	COMPREHENSIVE
	001150	CALIFORNIA STATE UNIVERSITY - SACRAMENTO	PUBLIC	COMPREHENSIVE
	001161	CERRITOS COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	001169	CLAREMONT COLLEGES	NON-PUBLIC	DOCTORATE GRANTING
	001250	COAST COMMUNITY COLLEGE DISTRICT - ORANGE COAST COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	001189	CONTRA COSTA COMMUNITY COLLEGE DISTRICT	PUBLIC	2-YR., JR. OR TECH.
	001197	EL CAMINO COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	009020	FOOTHILL-DE ANZA COMMUNITY COLLEGE DISTRICT	PUBLIC	PROFESSIONAL/SPECIALIZED
	011649	LOYOLA MARYMOUNT UNIVERSITY	NON-PUBLIC	COMPREHENSIVE
	001249	OCCIDENTAL COLLEGE	NON-PUBLIC	LIBERAL ARTS
	001265	PERALTA COMMUNITY COLLEGE DISTRICT	PUBLIC	2-YR., JR. OR TECH.
	001173	POMONA COLLEGE	NON-PUBLIC	2-YR., JR. OR TECH.
	000151	SAN DIEGO STATE UNIVERSITY	PUBLIC	DOCTORATE GRANTING
	001155	SAN JOSE STATE UNIVERSITY	PUBLIC	COMPREHENSIVE
	001312	UNIVERSITY OF CALIFORNIA - BERKELEY	PUBLIC	RESEARCH
	001313	UNIVERSITY OF CALIFORNIA - DAVIS	PUBLIC	RESEARCH
	001316	UNIVERSITY OF CALIFORNIA - RIVERSIDE	PUBLIC	DOCTORATE GRANTING
	001317	UNIVERSITY OF CALIFORNIA - SAN DIEGO	PUBLIC	RESEARCH
	001319	UNIVERSITY OF CALIFORNIA - SAN FRANCISCO	PUBLIC	RESEARCH
	001320	UNIVERSITY OF CALIFORNIA - SANTA BARBARA	PUBLIC	RESEARCH
	001321	UNIVERSITY OF CALIFORNIA - SANTA CRUZ	PUBLIC	DOCTORATE GRANTING
	001322	UNIVERSITY OF REDLANDS	NON-PUBLIC	LIBERAL ARTS
	001328	UNIVERSITY OF SOUTHERN CALIFORNIA	NON-PUBLIC	RESEARCH
	008596	WEST LOS ANGELES COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	001341	WESTMONT COLLEGE	NON-PUBLIC	2-YR., JR. OR TECH.
	666907	YOSEMITE COMMUNITY COLLEGE DISTRICT	PUBLIC	2-YR., JR. OR TECH.
CANADA				
	200006	BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY	PUBLIC	2-YR., JR. OR TECH.
	200010	CANADIAN MEMORIAL CHIROPRACTIC COLLEGE	NON-PUBLIC	PROFESSIONAL/SPECIALIZED
	200714	CEGEP LIONEL-GROULX	PUBLIC	2-YR., JR. OR TECH.
	200002	COLLEGE DE SHERBROOKE	PUBLIC	2-YR., JR. OR TECH.
	200099	CONESTOGA COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	200023	DALHOUSIE UNIVERSITY	NON-PUBLIC	RESEARCH
	200039	LAVAL UNIVERSITY	PUBLIC	RESEARCH
	200100	LOYALIST COLLEGE OF ARTS & TECHNOLOGY	PUBLIC	2-YR., JR. OR TECH.
	200042	MCGILL UNIVERSITY	NON-PUBLIC	COMPREHENSIVE
	200043	MCMASTER UNIVERSITY	NON-PUBLIC	DOCTORATE GRANTING
	200044	MEDICINE HAT COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	200045	MEMORIAL UNIVERSITY OF NEWFOUNDLAND	PUBLIC	COMPREHENSIVE

APPA TABLE 1-B: INDEX OF INSTITUTIONS, grouped by state/country
with institution names in alphabetical order

STATE /CNTRY	INST. ID	INSTITUTION NAME	FUNDING SOURCE	ACADEMIC PROGRAM
	200067	SHERIDAN COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	200001	SIR SANDFORD FLEMING COLLEGE	PUBLIC	OTHER
	200140	UNIVERSITY OF ALBERTA	PUBLIC	RESEARCH
	200077	UNIVERSITY OF CALGARY	PUBLIC	DOCTORATE GRANTING
	200078	UNIVERSITY OF GUELPH	PUBLIC	RESEARCH
	200082	UNIVERSITY OF MONTREAL	NON-PUBLIC	DOCTORATE GRANTING
	200890	UNIVERSITY OF REGINA	PUBLIC	LIBERAL ARTS
	200087	UNIVERSITY OF SASKATCHEWAN	PUBLIC	RESEARCH
	200016	UNIVERSITY OF WATERLOO	PUBLIC	RESEARCH
	200091	UNIVERSITY OF WESTERN ONTARIO	PUBLIC	DOCTORATE GRANTING
	200092	UNIVERSITY OF WINDSOR	NON-PUBLIC	DOCTORATE GRANTING
	200690	WILFRID LAURIER UNIVERSITY	PUBLIC	LIBERAL ARTS
	200098	YORK UNIVERSITY	PUBLIC	RESEARCH
COLORADO				
	007582	AIMS COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	009542	AURARIA HIGHER EDUCATION CENTER	PUBLIC	LIBERAL ARTS
	001347	COLORADO COLLEGE	NON-PUBLIC	LIBERAL ARTS
	001350	COLORADO STATE UNIVERSITY	PUBLIC	RESEARCH
	001361	NORTHEASTERN JUNIOR COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	009543	RED ROCKS COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	001370	UNIVERSITY OF COLORADO - BOULDER	PUBLIC	RESEARCH
	004508	UNIVERSITY OF COLORADO HEALTH SCIENCES CENTER	PUBLIC	PROFESSIONAL/SPECIALIZED
	001365	UNIVERSITY OF SOUTHERN COLORADO	PUBLIC	2-YR., JR. OR TECH.
CONNECTICUT				
	001414	TRINITY COLLEGE	NON-PUBLIC	LIBERAL ARTS
	029013	UNIVERSITY OF CONNECTICUT	PUBLIC	RESEARCH
	029013	UNIVERSITY OF CONNECTICUT HEALTH CENTER	PUBLIC	PROFESSIONAL/SPECIALIZED
	001422	UNIVERSITY OF HARTFORD	NON-PUBLIC	COMPREHENSIVE
DELAWARE				
	007053	DELAWARE TECHNICAL AND COMMUNITY COLLEGE - SOUTHERN CAM	PUBLIC	2-YR., JR. OR TECH.
	001431	UNIVERSITY OF DELAWARE	NON-PUBLIC	RESEARCH
DISTRICT OF COLUMBIA				
	001434	AMERICAN UNIVERSITY	NON-PUBLIC	DOCTORATE GRANTING
	001444	GEORGE WASHINGTON UNIVERSITY	NON-PUBLIC	RESEARCH
	001445	GEORGETOWN UNIVERSITY	NON-PUBLIC	RESEARCH
FLORIDA				
	001487	ECKERD COLLEGE	NON-PUBLIC	LIBERAL ARTS
	001479	EMBRY-RIDDLE AERONAUTICAL UNIVERSITY	NON-PUBLIC	COMPREHENSIVE
	001480	FLORIDA A&M UNIVERSITY	PUBLIC	COMPREHENSIVE
	001484	FLORIDA COMMUNITY COLLEGE - JACKSONVILLE	PUBLIC	2-YR., JR. OR TECH.
	001506	MIAMI-DADE COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	001535	UNIVERSITY OF FLORIDA	PUBLIC	RESEARCH
GEORGIA				
	001546	ARMSTRONG STATE COLLEGE	PUBLIC	COMPREHENSIVE
	001556	BRENAU COLLEGE	NON-PUBLIC	COMPREHENSIVE
	010997	EAST GEORGIA COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	001566	FORT VALLEY STATE COLLEGE	PUBLIC	COMPREHENSIVE
	001569	GEORGIA INSTITUTE OF TECHNOLOGY	PUBLIC	RESEARCH
	001573	GEORGIA SOUTHWESTERN COLLEGE	PUBLIC	COMPREHENSIVE
	008419	MERCER UNIVERSITY - ATLANTA	NON-PUBLIC	PROFESSIONAL/SPECIALIZED
	001598	UNIVERSITY OF GEORGIA	PUBLIC	RESEARCH
HAWAII				
	001615	MAUI COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
IDAHO				
	001616	BOISE STATE UNIVERSITY	PUBLIC	COMPREHENSIVE
	001620	IDAHO STATE UNIVERSITY	PUBLIC	DOCTORATE GRANTING

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STATE /CNTRY	INST. ID	INSTITUTION NAME	FUNDING SOURCE	ACADEMIC PROGRAM
	001625	RICKS COLLEGE	NON-PUBLIC	2-YR., JR. OR TECH.
	001626	UNIVERSITY OF IDAHO	PUBLIC	RESEARCH
ILLINOIS				
	008318	BLACK HAWK COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	001641	BRADLEY UNIVERSITY	NON-PUBLIC	COMPREHENSIVE
	006656	COLLEGE OF DUPAGE	PUBLIC	2-YR., JR. OR TECH.
	001674	EASTERN ILLINOIS UNIVERSITY	PUBLIC	COMPREHENSIVE
	001691	ILLINOIS INSTITUTE OF TECHNOLOGY	NON-PUBLIC	RESEARCH
	001692	ILLINOIS STATE UNIVERSITY	PUBLIC	DOCTORATE GRANTING
	001705	ILLINOIS VALLEY COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	007170	LINCOLN LAND COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	001737	NORTHERN ILLINOIS UNIVERSITY	PUBLIC	DOCTORATE GRANTING
	001739	NORTHWESTERN UNIVERSITY	NON-PUBLIC	RESEARCH
	009896	OAKTON COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	009333	SANGAMON STATE UNIVERSITY	PUBLIC	COMPREHENSIVE
	001753	SCHOOL OF THE ART INSTITUTE OF CHICAGO	NON-PUBLIC	PROFESSIONAL/SPECIALIZED
	001769	SOUTH SUBURBAN COLLEGE (COMMUNITY COLLEGE DISTRICT 510)	PUBLIC	2-YR., JR. OR TECH.
	001758	SOUTHERN ILLINOIS UNIVERSITY - CARBONDALE	PUBLIC	DOCTORATE GRANTING
	100001	SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE	PUBLIC	PROFESSIONAL/SPECIALIZED
	001776	UNIVERSITY OF ILLINOIS - CHICAGO	PUBLIC	RESEARCH
	001775	UNIVERSITY OF ILLINOIS - URBANA/CHAMPAIGN	PUBLIC	RESEARCH
	900006	UNIVERSITY OF ILLINOIS COLLEGE OF MEDICINE - ROCKFORD	PUBLIC	PROFESSIONAL/SPECIALIZED
	001780	WESTERN ILLINOIS UNIVERSITY	PUBLIC	COMPREHENSIVE
	001781	WHEATON COLLEGE	NON-PUBLIC	LIBERAL ARTS
	003961	WILLIAM RAINEY HARPER COLLEGE	PUBLIC	2-YR., JR. OR TECH.
INDIANA				
	001786	BALL STATE UNIVERSITY	PUBLIC	DOCTORATE GRANTING
	001788	BUTLER UNIVERSITY	NON-PUBLIC	LIBERAL ARTS
	009563	INDIANA STATE UNIVERSITY	PUBLIC	COMPREHENSIVE
	008002	INDIANA UNIVERSITY	PUBLIC	RESEARCH
	001827	PURDUE UNIVERSITY - CALUMET	PUBLIC	COMPREHENSIVE
	001826	PURDUE UNIVERSITY - NORTH CENTRAL	NON-PUBLIC	LIBERAL ARTS
	001825	PURDUE UNIVERSITY - WEST LAFAYETTE	PUBLIC	RESEARCH
	001808	UNIVERSITY OF SOUTHERN INDIANA	PUBLIC	COMPREHENSIVE
IOWA				
	001850	CENTRAL COLLEGE	NON-PUBLIC	LIBERAL ARTS
	001859	DORDT COLLEGE	NON-PUBLIC	LIBERAL ARTS
	004595	HAWKEYE INSTITUTE OF TECHNOLOGY	PUBLIC	2-YR., JR. OR TECH.
	001869	IOWA STATE UNIVERSITY	PUBLIC	RESEARCH
	008740	SOUTHEASTERN COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	001892	UNIVERSITY OF IOWA	PUBLIC	RESEARCH
	001890	UNIVERSITY OF NORTHERN IOWA	PUBLIC	COMPREHENSIVE
KANSAS				
	001905	BETHEL COLLEGE	NON-PUBLIC	2-YR., JR. OR TECH.
	001927	EMPORIA STATE UNIVERSITY	PUBLIC	COMPREHENSIVE
	001920	HESSTON COLLEGE	NON-PUBLIC	2-YR., JR. OR TECH.
	008244	JOHNSON COUNTY COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	001928	KANSAS STATE UNIVERSITY	PUBLIC	DOCTORATE GRANTING
	001926	PITTSBURG STATE UNIVERSITY	PUBLIC	COMPREHENSIVE
	004605	UNIVERSITY OF KANSAS MEDICAL CENTER	PUBLIC	PROFESSIONAL/SPECIALIZED
	001950	WICHITA STATE UNIVERSITY	PUBLIC	COMPREHENSIVE
KENTUCKY				
	001964	GEORGETOWN COLLEGE	NON-PUBLIC	LIBERAL ARTS
	001968	KENTUCKY STATE UNIVERSITY	PUBLIC	COMPREHENSIVE
	002367	MOREHEAD STATE UNIVERSITY	PUBLIC	COMPREHENSIVE
	001977	MURRAY STATE UNIVERSITY	PUBLIC	COMPREHENSIVE
	001982	SOUTHERN BAPTIST THEOLOGICAL SEMINARY	NON-PUBLIC	PROFESSIONAL/SPECIALIZED
	001989	UNIVERSITY OF KENTUCKY	PUBLIC	RESEARCH
	001999	UNIVERSITY OF LOUISVILLE	PUBLIC	DOCTORATE GRANTING

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STATE /CNTRY	INST. ID	INSTITUTION NAME	FUNDING SOURCE	ACADEMIC PROGRAM
LOUISIANA				
	902013	LOUISIANA STATE UNIVERSITY - SHREVEPORT	PUBLIC	COMPREHENSIVE
	002010	LOUISIANA STATE UNIVERSITY A&M COLLEGE	PUBLIC	RESEARCH
	002013	LSU MEDICAL CENTER - SHREVEPORT	PUBLIC	PROFESSIONAL/SPECIALIZED
	002029	TULANE UNIVERSITY	PUBLIC	RESEARCH
	002015	UNIVERSITY OF NEW ORLEANS	PUBLIC	DOCTORATE GRANTING
MAINE				
	002038	BOWDOIN COLLEGE	NON-PUBLIC	LIBERAL ARTS
	002039	COLBY COLLEGE	NON-PUBLIC	LIBERAL ARTS
MARYLAND				
	002058	ANNE ARUNDEL COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	002063	CATONSVILLE COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	002078	LOYOLA COLLEGE IN MARYLAND	NON-PUBLIC	LIBERAL ARTS
	002089	PRINCE GEORGE'S COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	002099	TOWSON STATE UNIVERSITY	PUBLIC	COMPREHENSIVE
	002104	UNIVERSITY OF MARYLAND - BALTIMORE	PUBLIC	PROFESSIONAL/SPECIALIZED
	002103	UNIVERSITY OF MARYLAND - COLLEGE PARK	PUBLIC	RESEARCH
	002108	WASHINGTON COLLEGE	NON-PUBLIC	LIBERAL ARTS
MASSACHUSETTS				
	002115	AMHERST COLLEGE	NON-PUBLIC	LIBERAL ARTS
	002176	BRISTOL COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	002139	CLARK UNIVERSITY	NON-PUBLIC	RESEARCH
	002146	EMERSON COLLEGE	NON-PUBLIC	LIBERAL ARTS
	002178	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	NON-PUBLIC	RESEARCH
	002192	MOUNT HOLYOKE COLLEGE	NON-PUBLIC	LIBERAL ARTS
	002221	UNIVERSITY OF MASSACHUSETTS	PUBLIC	DOCTORATE GRANTING
	029099	WENTWORTH INSTITUTE OF TECHNOLOGY	NON-PUBLIC	COMPREHENSIVE
	002229	WILLIAMS COLLEGE	NON-PUBLIC	LIBERAL ARTS
	002233	WORCESTER POLYTECHNIC INSTITUTE	NON-PUBLIC	COMPREHENSIVE
MEXICO				
	201350	INSTITUTO TECHNOLOGICO Y DE ESTUDIOS SUPERIORES DE MONT	NON-PUBLIC	RESEARCH
MICHIGAN				
	002236	ALMA COLLEGE	NON-PUBLIC	2-YR., JR. OR TECH.
	002237	ALPENA COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	002239	AQUINAS COLLEGE	NON-PUBLIC	LIBERAL ARTS
	002243	CENTRAL MICHIGAN UNIVERSITY	PUBLIC	COMPREHENSIVE
	002274	JACKSON COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	002290	MICHIGAN STATE UNIVERSITY	NON-PUBLIC	RESEARCH
	002292	MICHIGAN TECHNOLOGICAL UNIVERSITY	PUBLIC	COMPREHENSIVE
	002295	MONTCALM COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	002297	MUSKEGON COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	009092	UNIVERSITY OF MICHIGAN	PUBLIC	RESEARCH
	002329	WAYNE STATE UNIVERSITY	PUBLIC	RESEARCH
	002330	WESTERN MICHIGAN UNIVERSITY	PUBLIC	DOCTORATE GRANTING
MINNESOTA				
	009058	BETHEL COLLEGE AND SEMINARY	NON-PUBLIC	COMPREHENSIVE
	002346	CONCORDIA COLLEGE	NON-PUBLIC	LIBERAL ARTS
	002353	GUSTAVUS ADOLPHUS COLLEGE	NON-PUBLIC	LIBERAL ARTS
	002354	HAMLINE UNIVERSITY	NON-PUBLIC	COMPREHENSIVE
	002358	MACALESTER COLLEGE	NON-PUBLIC	LIBERAL ARTS
	002388	UNIVERSITY OF MINNESOTA - DULUTH	PUBLIC	COMPREHENSIVE
MISSISSIPPI				
	002414	MILLSAPS COLLEGE	NON-PUBLIC	LIBERAL ARTS
	002423	MISSISSIPPI STATE UNIVERSITY	PUBLIC	RESEARCH
	002440	UNIVERSITY OF MISSISSIPPI	PUBLIC	DOCTORATE GRANTING
	002441	UNIVERSITY OF SOUTHERN MISSISSIPPI	PUBLIC	DOCTORATE GRANTING

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MISSOURI				
	002200	CENTRAL MISSOURI STATE UNIVERSITY	PUBLIC	COMPREHENSIVE
	002482	MARYVILLE COLLEGE	NON-PUBLIC	COMPREHENSIVE
	002501	SOUTHEAST MISSOURI STATE UNIVERSITY	PUBLIC	COMPREHENSIVE
	002470	ST. LOUIS COMMUNITY COLLEGE - FLORISSANT VALLEY	PUBLIC	2-YR., JR. OR TECH.
	002516	UNIVERSITY OF MISSOURI - COLUMBIA	PUBLIC	RESEARCH
MONTANA				
	002530	EASTERN MONTANA COLLEGE	PUBLIC	COMPREHENSIVE
	002531	MONTANA COLLEGE OF MINERAL SCIENCE & TECHNOLOGY	NON-PUBLIC	COMPREHENSIVE
	002532	MONTANA STATE UNIVERSITY	PUBLIC	DOCTORATE GRANTING
	002536	UNIVERSITY OF MONTANA	PUBLIC	DOCTORATE GRANTING
NEBRASKA				
	002565	UNIVERSITY OF NEBRASKA - LINCOLN	PUBLIC	RESEARCH
	002554	UNIVERSITY OF NEBRASKA - OMAHA	PUBLIC	COMPREHENSIVE
	006895	UNIVERSITY OF NEBRASKA MEDICAL CENTER	PUBLIC	PROFESSIONAL/SPECIALIZED
NEVADA				
	029231	TRUCKEE MEADOWS COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
NEW HAMPSHIRE				
	002588	UNIVERSITY OF NEW HAMPSHIRE	PUBLIC	RESEARCH
NEW JERSEY				
	100002	ATLANTIC COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	009994	PASSAIC COUNTY COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	007731	RARITAN VALLEY COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	650678	RIDER COLLEGE	NON-PUBLIC	COMPREHENSIVE
	006964	RUTGERS UNIVERSITY	PUBLIC	RESEARCH
	002639	STEVENS INSTITUTE OF TECHNOLOGY	NON-PUBLIC	PROFESSIONAL/SPECIALIZED
NEW MEXICO				
	002653	NEW MEXICO HIGHLANDS UNIVERSITY	PUBLIC	COMPREHENSIVE
	002654	NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY	PUBLIC	RESEARCH
	010313	UNIVERSITY OF NEW MEXICO	PUBLIC	PROFESSIONAL/SPECIALIZED
NEW YORK				
	002707	COLUMBIA UNIVERSITY	NON-PUBLIC	RESEARCH
	002711	CORNELL UNIVERSITY	PUBLIC	RESEARCH
	006782	GENESEE COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	002871	MOHAWK VALLEY COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	002784	NEW YORK MEDICAL COLLEGE	NON-PUBLIC	PROFESSIONAL/SPECIALIZED
	100816	NEW YORK UNIVERSITY MEDICAL CENTER	NON-PUBLIC	PROFESSIONAL/SPECIALIZED
	002803	RENSSELAER POLYTECHNIC INSTITUTE	NON-PUBLIC	RESEARCH
	002806	ROCHESTER INSTITUTE OF TECHNOLOGY	NON-PUBLIC	COMPREHENSIVE
	002829	ST. LAWRENCE UNIVERSITY	NON-PUBLIC	LIBERAL ARTS
	009554	STATE UNIVERSITY OF NEW YORK - BUFFALO	PUBLIC	RESEARCH
	006788	TOMPKINS-CORTLAND COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	002893	UNITED STATES MILITARY ACADEMY	PUBLIC	PROFESSIONAL/SPECIALIZED
	002894	UNIVERSITY OF ROCHESTER	NON-PUBLIC	RESEARCH
	002895	VASSAR COLLEGE	NON-PUBLIC	LIBERAL ARTS
NEW ZEALAND				
	900030	UNIVERSITY OF OTAGO	PUBLIC	RESEARCH
	900035	UNIVERSITY OF WAIKATO	PUBLIC	RESEARCH
NORTH CAROLINA				
	002923	EAST CAROLINA UNIVERSITY	PUBLIC	COMPREHENSIVE
	002927	ELON COLLEGE	NON-PUBLIC	COMPREHENSIVE
	008083	HAYWOOD COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	002941	LENOIR-RHYNE COLLEGE	NON-PUBLIC	LIBERAL ARTS
	002972	NORTH CAROLINA STATE UNIVERSITY	PUBLIC	RESEARCH

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	002955	PFEIFFER COLLEGE	NON-PUBLIC	LIBERAL ARTS
	002960	SALEM ACADEMY AND COLLEGE	NON-PUBLIC	LIBERAL ARTS
	002974	UNIVERSITY OF NORTH CAROLINA - CHAPEL HILL	PUBLIC	RESEARCH
	002976	UNIVERSITY OF NORTH CAROLINA - GREENSBORO	PUBLIC	DOCTORATE GRANTING
	002978	WAKE FOREST UNIVERSITY	NON-PUBLIC	DOCTORATE GRANTING
	002981	WESTERN CAROLINA UNIVERSITY	PUBLIC	COMPREHENSIVE
NORTH DAKOTA				
	009265	NORTH DAKOTA STATE UNIVERSITY	PUBLIC	DOCTORATE GRANTING
	003005	UNIVERSITY OF NORTH DAKOTA	PUBLIC	DOCTORATE GRANTING
OHIO				
	003032	CLEVELAND STATE UNIVERSITY	PUBLIC	DOCTORATE GRANTING
	006867	COLUMBUS STATE COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	008797	CUYAHOGA COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	003041	DEFIANCE COLLEGE	NON-PUBLIC	LIBERAL ARTS
	007598	HOCKING TECHNICAL COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	007737	MEDICAL COLLEGE OF OHIO	PUBLIC	PROFESSIONAL/SPECIALIZED
	007104	MIAMI UNIVERSITY	PUBLIC	DOCTORATE GRANTING
	006883	OHIO STATE UNIVERSITY - COLUMBUS	PUBLIC	RESEARCH
	003109	OHIO WESLEYAN UNIVERSITY	PUBLIC	LIBERAL ARTS
	003119	SINCLAIR COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	003123	UNIVERSITY OF AKRON	PUBLIC	DOCTORATE GRANTING
	003125	UNIVERSITY OF CINCINNATI	PUBLIC	RESEARCH
	003142	WILMINGTON COLLEGE	NON-PUBLIC	LIBERAL ARTS
	003143	WITTENBERG UNIVERSITY	NON-PUBLIC	LIBERAL ARTS
	009168	WRIGHT STATE UNIVERSITY	PUBLIC	PROFESSIONAL/SPECIALIZED
	003144	XAVIER UNIVERSITY	NON-PUBLIC	COMPREHENSIVE
OKLAHOMA				
	003161	NORTHEASTERN STATE UNIVERSITY	PUBLIC	COMPREHENSIVE
	003184	UNIVERSITY OF OKLAHOMA	PUBLIC	RESEARCH
	005889	UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	PUBLIC	PROFESSIONAL/SPECIALIZED
	003463	UNIVERSITY OF TULSA	PUBLIC	DOCTORATE GRANTING
OREGON				
	003198	LINFIELD COLLEGE	NON-PUBLIC	LIBERAL ARTS
	004882	OREGON HEALTH SCIENCES UNIVERSITY	NON-PUBLIC	PROFESSIONAL/SPECIALIZED
	003210	OREGON STATE UNIVERSITY	PUBLIC	RESEARCH
	003216	PORTLAND STATE UNIVERSITY	PUBLIC	DOCTORATE GRANTING
	003217	REED COLLEGE	NON-PUBLIC	LIBERAL ARTS
	003223	UNIVERSITY OF OREGON	PUBLIC	RESEARCH
	003209	WESTERN OREGON STATE COLLEGE	PUBLIC	PROFESSIONAL/SPECIALIZED
PENNSYLVANIA				
	003235	BEAVER COLLEGE	NON-PUBLIC	COMPREHENSIVE
	003315	BLOOMSBURG UNIVERSITY	PUBLIC	COMPREHENSIVE
	003238	BUCKNELL UNIVERSITY	NON-PUBLIC	COMPREHENSIVE
	003241	CABRINI COLLEGE	NON-PUBLIC	LIBERAL ARTS
	003243	CEDAR CREST COLLEGE	NON-PUBLIC	LIBERAL ARTS
	003262	ELIZABETHTOWN COLLEGE	NON-PUBLIC	LIBERAL ARTS
	003274	HAVERFORD COLLEGE	NON-PUBLIC	LIBERAL ARTS
	008810	INDIANA UNIVERSITY OF PENNSYLVANIA	PUBLIC	DOCTORATE GRANTING
	003284	LAFAYETTE COLLEGE	NON-PUBLIC	LIBERAL ARTS
	003293	LYCOMING COLLEGE	NON-PUBLIC	LIBERAL ARTS
	003324	MANSFIELD STATE UNIVERSITY	PUBLIC	COMPREHENSIVE
	003298	MESSIAH COLLEGE	NON-PUBLIC	LIBERAL ARTS
	003325	MILLERSVILLE UNIVERSITY	PUBLIC	DOCTORATE GRANTING
	003301	MORAVIAN COLLEGE	NON-PUBLIC	LIBERAL ARTS
	006965	PENN STATE UNIVERSITY	PUBLIC	RESEARCH
	003360	ROSEMONT COLLEGE	NON-PUBLIC	LIBERAL ARTS
	003366	SAINT FRANCIS COLLEGE	NON-PUBLIC	2-YR., JR. OR TECH.
	003368	ST. VINCENT COLLEGE	NON-PUBLIC	LIBERAL ARTS
	003370	SWARTHMORE COLLEGE	NON-PUBLIC	LIBERAL ARTS

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	007912	THADDEUS STEVENS STATE SCHOOL OF TECHNOLOGY	PUBLIC	2-YR., JR. OR TECH.
	003278	THOMAS JEFFERSON UNIVERSITY	NON-PUBLIC	PROFESSIONAL/SPECIALIZED
	003385	URSINUS COLLEGE	NON-PUBLIC	LIBERAL ARTS
	003328	WEST CHESTER UNIVERSITY	PUBLIC	COMPREHENSIVE
PUERTO RICO				
	008242	INTER AMERICAN UNIVERSITY OF PUERTO RICO - GUAYAMA REGI	PUBLIC	2-YR., JR. OR TECH.
RHODE ISLAND				
	003404	JOHNSON & WALES UNIVERSITY	NON-PUBLIC	COMPREHENSIVE
SAUDIA ARABIA				
	200920	KING FAHD UNIVERSITY OF PETROLEUM & MINERALS	NON-PUBLIC	DOCTORATE GRANTING
SOUTH CAROLINA				
	003425	CLEMSON UNIVERSITY	PUBLIC	DOCTORATE GRANTING
	003434	FURMAN UNIVERSITY	NON-PUBLIC	LIBERAL ARTS
	003438	MEDICAL UNIVERSITY OF SOUTH CAROLINA	PUBLIC	PROFESSIONAL/SPECIALIZED
	003448	UNIVERSITY OF SOUTH CAROLINA - COLUMBIA	PUBLIC	RESEARCH
SOUTH DAKOTA				
	003459	BLACK HILLS STATE UNIVERSITY	PUBLIC	COMPREHENSIVE
	003466	NORTHERN STATE UNIVERSITY	PUBLIC	COMPREHENSIVE
	003471	SOUTH DAKOTA STATE UNIVERSITY	PUBLIC	DOCTORATE GRANTING
	010300	UNIVERSITY OF SOUTH DAKOTA	PUBLIC	DOCTORATE GRANTING
TENNESSEE				
	003483	COLUMBIA STATE COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	003509	MEMPHIS STATE UNIVERSITY	PUBLIC	RESEARCH
	008145	NASHVILLE STATE TECHNICAL INSTITUTE	PUBLIC	2-YR., JR. OR TECH.
	007105	STATE TECHNICAL INSTITUTE - MEMPHIS	PUBLIC	2-YR., JR. OR TECH.
	003522	TENNESSEE STATE UNIVERSITY	PUBLIC	COMPREHENSIVE
	003529	UNIVERSITY OF TENNESSEE - CHATTANOOGA	PUBLIC	COMPREHENSIVE
	003530	UNIVERSITY OF TENNESSEE - KNOXVILLE	PUBLIC	RESEARCH
	003535	VANDERBILT UNIVERSITY	NON-PUBLIC	RESEARCH
TEXAS				
	003539	ALVIN COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	004949	BAYLOR COLLEGE OF MEDICINE	NON-PUBLIC	PROFESSIONAL/SPECIALIZED
	006967	BAYLOR UNIVERSITY	NON-PUBLIC	DOCTORATE GRANTING
	003549	BLINN COLLEGE	PUBLIC	DOCTORATE GRANTING
	007857	BRAZOSPORT COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	010387	EL PASO COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	003598	OUR LADY OF THE LAKE UNIVERSITY - SAN ANTONIO	NON-PUBLIC	COMPREHENSIVE
	003606	SAM HOUSTON STATE UNIVERSITY	PUBLIC	DOCTORATE GRANTING
	003613	SOUTHERN METHODIST UNIVERSITY	NON-PUBLIC	DOCTORATE GRANTING
	003620	SOUTHWESTERN UNIVERSITY	NON-PUBLIC	LIBERAL ARTS
	003623	ST. MARY'S UNIVERSITY	NON-PUBLIC	DOCTORATE GRANTING
	003624	STEPHEN F. AUSTIN STATE UNIVERSITY	PUBLIC	COMPREHENSIVE
	003639	TEXAS A&I UNIVERSITY	PUBLIC	COMPREHENSIVE
	010366	TEXAS A&M UNIVERSITY	PUBLIC	RESEARCH
	003636	TEXAS CHRISTIAN UNIVERSITY	NON-PUBLIC	DOCTORATE GRANTING
	003644	TEXAS TECH UNIVERSITY	PUBLIC	DOCTORATE GRANTING
	003647	TRINITY UNIVERSITY	NON-PUBLIC	COMPREHENSIVE
	003652	UNIVERSITY OF HOUSTON	PUBLIC	DOCTORATE GRANTING
	003594	UNIVERSITY OF NORTH TEXAS	PUBLIC	LIBERAL ARTS
	003654	UNIVERSITY OF ST. THOMAS	NON-PUBLIC	COMPREHENSIVE
	003656	UNIVERSITY OF TEXAS - ARLINGTON	PUBLIC	DOCTORATE GRANTING
	003658	UNIVERSITY OF TEXAS - AUSTIN	PUBLIC	RESEARCH
	010115	UNIVERSITY OF TEXAS - SAN ANTONIO	PUBLIC	COMPREHENSIVE
	011618	UNIVERSITY OF TEXAS HEALTH SCIENCES CENTER - HOUSTON	PUBLIC	PROFESSIONAL/SPECIALIZED
	003659	UNIVERSITY OF TEXAS HEALTH SCIENCES CENTER - SAN ANTONI	PUBLIC	PROFESSIONAL/SPECIALIZED
	003665	WEST TEXAS STATE UNIVERSITY	PUBLIC	COMPREHENSIVE

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UTAH				
	003675	UNIVERSITY OF UTAH	PUBLIC	RESEARCH
	003677	UTAH STATE UNIVERSITY	PUBLIC	RESEARCH
VERMONT				
	003683	CASTLETON STATE COLLEGE	PUBLIC	LIBERAL ARTS
	003696	UNIVERSITY OF VERMONT	PUBLIC	RESEARCH
VIRGINIA				
	003705	COLLEGE OF WILLIAM & MARY	PUBLIC	DOCTORATE GRANTING
	003749	GEORGE MASON UNIVERSITY	PUBLIC	COMPREHENSIVE
	004004	JOHN TYLER COMMUNITY COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	003719	LONGWOOD COLLEGE	PUBLIC	LIBERAL ARTS
	009629	MOUNTAIN EMPIRE COMMUNITY COLLEGE	NON-PUBLIC	2-YR., JR. OR TECH.
	003728	OLD DOMINION UNIVERSITY	PUBLIC	DOCTORATE GRANTING
	003732	RADFORD UNIVERSITY	PUBLIC	COMPREHENSIVE
	003744	UNIVERSITY OF RICHMOND	NON-PUBLIC	COMPREHENSIVE
	006968	UNIVERSITY OF VIRGINIA	PUBLIC	RESEARCH
	003735	VIRGINIA COMMONWEALTH UNIVERSITY	PUBLIC	RESEARCH
	003754	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	PUBLIC	RESEARCH
	003768	WASHINGTON AND LEE UNIVERSITY	NON-PUBLIC	LIBERAL ARTS
WASHINGTON				
	003771	CENTRAL WASHINGTON UNIVERSITY	PUBLIC	COMPREHENSIVE
	003773	CLARK COLLEGE	PUBLIC	2-YR., JR. OR TECH.
	010784	COMMUNITY COLLEGES OF SPOKANE	PUBLIC	2-YR., JR. OR TECH.
	003775	EASTERN WASHINGTON UNIVERSITY	PUBLIC	COMPREHENSIVE
	008155	EVERGREEN STATE COLLEGE	PUBLIC	LIBERAL ARTS
	003788	SEATTLE PACIFIC UNIVERSITY	NON-PUBLIC	COMPREHENSIVE
	003797	UNIVERSITY OF PUGET SOUND	NON-PUBLIC	COMPREHENSIVE
	003798	UNIVERSITY OF WASHINGTON	PUBLIC	RESEARCH
	003800	WASHINGTON STATE UNIVERSITY	PUBLIC	RESEARCH
	003802	WESTERN WASHINGTON UNIVERSITY	PUBLIC	COMPREHENSIVE
WEST VIRGINIA				
	003826	WEST VIRGINIA STATE COLLEGE	PUBLIC	COMPREHENSIVE
	003827	WEST VIRGINIA UNIVERSITY	PUBLIC	RESEARCH
WISCONSIN				
	003835	BELOIT COLLEGE	NON-PUBLIC	LIBERAL ARTS
	003863	MARQUETTE UNIVERSITY	NON-PUBLIC	DOCTORATE GRANTING
	003868	MILWAUKEE SCHOOL OF ENGINEERING	NON-PUBLIC	COMPREHENSIVE
	003892	ST. NORBERT COLLEGE	NON-PUBLIC	COMPREHENSIVE
	003919	UNIVERSITY OF WISCONSIN - LA CROSSE	PUBLIC	COMPREHENSIVE
	003895	UNIVERSITY OF WISCONSIN - MADISON	PUBLIC	RESEARCH
	003896	UNIVERSITY OF WISCONSIN - MILWAUKEE	PUBLIC	DOCTORATE GRANTING
	003924	UNIVERSITY OF WISCONSIN - STEVENS POINT	PUBLIC	COMPREHENSIVE
	003915	UNIVERSITY OF WISCONSIN - STOUT	PUBLIC	COMPREHENSIVE
WYOMING				
	003932	UNIVERSITY OF WYOMING	PUBLIC	RESEARCH

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INSTITUTION NAME	INST. ID
REGION: CENTRAL	
********************RESEARCH	
TEXAS A&M UNIVERSITY	010366
UNIVERSITY OF ARKANSAS - FAYETTEVILLE	001108
UNIVERSITY OF MISSOURI - COLUMBIA	002516
UNIVERSITY OF NEBRASKA - LINCOLN	002565
UNIVERSITY OF OKLAHOMA	003184
UNIVERSITY OF TEXAS - AUSTIN	003658
********************DOCTORATE GRANTING	
BLINN COLLEGE	003549
KANSAS STATE UNIVERSITY	001928
NORTH DAKOTA STATE UNIVERSITY	009265
SAM HOUSTON STATE UNIVERSITY	003606
SOUTH DAKOTA STATE UNIVERSITY	003471
TEXAS TECH UNIVERSITY	003644
UNIVERSITY OF HOUSTON	003652
UNIVERSITY OF NORTH DAKOTA	003005
UNIVERSITY OF SOUTH DAKOTA	010300
UNIVERSITY OF TEXAS - ARLINGTON	003656
UNIVERSITY OF TULSA	003463
********************COMPREHENSIVE	
BLACK HILLS STATE UNIVERSITY	003459
CENTRAL MISSOURI STATE UNIVERSITY	002200
EMPORIA STATE UNIVERSITY	001927
NORTHEASTERN STATE UNIVERSITY	003161
NORTHERN STATE UNIVERSITY	003466
PITTSBURG STATE UNIVERSITY	001926
SOUTHEAST MISSOURI STATE UNIVERSITY	002501
STEPHEN F. AUSTIN STATE UNIVERSITY	003624
TEXAS A&I UNIVERSITY	003639
UNIVERSITY OF ARKANSAS - MONTICELLO	001085
UNIVERSITY OF NEBRASKA - OMAHA	002554
UNIVERSITY OF TEXAS - SAN ANTONIO	010115
WEST TEXAS STATE UNIVERSITY	003665
WICHITA STATE UNIVERSITY	001950
********************LIBERAL ARTS	
UNIVERSITY OF NORTH TEXAS	003594
********************2-YR., JR. OR TECH.	
ALVIN COMMUNITY COLLEGE	003539
BRAZOSPORT COLLEGE	007857
EL PASO COMMUNITY COLLEGE	010387
JOHNSON COUNTY COMMUNITY COLLEGE	008244
ST. LOUIS COMMUNITY COLLEGE - FLORISSANT VALLEY	002470
********************PROFESSIONAL/SPECIALIZED	
UNIVERSITY OF KANSAS MEDICAL CENTER	004605
UNIVERSITY OF NEBRASKA MEDICAL CENTER	006895
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER	005889

APPA TABLE 1-C: INDEX OF PUBLIC INSTITUTIONS, grouped by REGIONAL AFFILIATION and by CARNEGIE CLASSIFICATION

INSTITUTION NAME	INST. ID
UNIVERSITY OF TEXAS HEALTH SCIENCES CENTER - HOUSTON	011618
UNIVERSITY OF TEXAS HEALTH SCIENCES CENTER - SAN ANTONIO	003659
REGION: EASTERN	
********************RESEARCH	
CORNELL UNIVERSITY	002711
LAVAL UNIVERSITY	200039
PENN STATE UNIVERSITY	006965
RUTGERS UNIVERSITY	006964
STATE UNIVERSITY OF NEW YORK - BUFFALO	009554
UNIVERSITY OF CONNECTICUT	029013
UNIVERSITY OF GUELPH	200078
UNIVERSITY OF MARYLAND - COLLEGE PARK	002103
UNIVERSITY OF NEW HAMPSHIRE	002588
UNIVERSITY OF VERMONT	003696
UNIVERSITY OF WATERLOO	200016
YORK UNIVERSITY	200098
********************DOCTORATE GRANTING	
INDIANA UNIVERSITY OF PENNSYLVANIA	008810
MILLERSVILLE UNIVERSITY	003325
UNIVERSITY OF MASSACHUSETTS	002221
UNIVERSITY OF WESTERN ONTARIO	200091
********************COMPREHENSIVE	
BLOOMSBURG UNIVERSITY	003315
MANSFIELD STATE UNIVERSITY	003324
MEMORIAL UNIVERSITY OF NEWFOUNDLAND	200045
TOWSON STATE UNIVERSITY	002099
WEST CHESTER UNIVERSITY	003328
********************LIBERAL ARTS	
CASTLETON STATE COLLEGE	003683
WILFRID LAURIER UNIVERSITY	200690
********************2-YR., JR. OR TECH.	
ANNE ARUNDEL COMMUNITY COLLEGE	002058
ATLANTIC COMMUNITY COLEGE	100002
BRISTOL COMMUNITY COLLEGE	002176
CATONSVILLE COMMUNITY COLLEGE	002063
CEGEP LIONEL-GROULX	200714
COLLEGE DE SHERBROOKE	200002
CONESTOGA COLLEGE	200099
DELAWARE TECHNICAL AND COMMUNITY COLLEGE - SOUTHERN CAMPUS	007053
GENESEE COMMUNITY COLLEGE	006782
LOYALIST COLLEGE OF ARTS & TECHNOLOGY	200100
MOHAWK VALLEY COMMUNITY COLLEGE	002871
PASSAIC COUNTY COMMUNITY COLLEGE	009994
PRINCE GEORGE'S COMMUNITY COLLEGE	002089
RARITAN VALLEY COMMUNITY COLLEGE	007731
SHERIDAN COLLEGE	200067
THADDEUS STEVENS STATE SCHOOL OF TECHNOLOGY	007912
TOMPKINS-CORTLAND COMMUNITY COLLEGE	006788

APPA TABLE 1-C: INDEX OF PUBLIC INSTITUTIONS, grouped by REGIONAL AFFILIATION and by CARNEGIE CLASSIFICATION

INSTITUTION NAME	INST. ID
********************PROFESSIONAL/SPECIALIZED	
UNITED STATES MILITARY ACADEMY	002893
UNIVERSITY OF CONNECTICUT HEALTH CENTER	029013
UNIVERSITY OF MARYLAND - BALTIMORE	002104
********************OTHER	
SIR SANDFORD FLEMING COLLEGE	200001
REGION: MIDWEST	
********************RESEARCH	
INDIANA UNIVERSITY	008002
IOWA STATE UNIVERSITY	001869
OHIO STATE UNIVERSITY - COLUMBUS	006883
PURDUE UNIVERSITY - WEST LAFAYETTE	001825
UNIVERSITY OF CINCINNATI	003125
UNIVERSITY OF ILLINOIS - CHICAGO	001776
UNIVERSITY OF ILLINOIS - URBANA/CHAMPAIGN	001775
UNIVERSITY OF IOWA	001892
UNIVERSITY OF MICHIGAN	009092
UNIVERSITY OF WISCONSIN - MADISON	003895
WAYNE STATE UNIVERSITY	002329
********************DOCTORATE GRANTING	
BALL STATE UNIVERSITY	001786
CLEVELAND STATE UNIVERSITY	003032
ILLINOIS STATE UNIVERSITY	001692
MIAMI UNIVERSITY	007104
NORTHERN ILLINOIS UNIVERSITY	001737
SOUTHERN ILLINOIS UNIVERSITY - CARBONDALE	001758
UNIVERSITY OF AKRON	003123
UNIVERSITY OF WISCONSIN - MILWAUKEE	003896
WESTERN MICHIGAN UNIVERSITY	002330
********************COMPREHENSIVE	
CENTRAL MICHIGAN UNIVERSITY	002243
EASTERN ILLINOIS UNIVERSITY	001674
INDIANA STATE UNIVERSITY	009563
MICHIGAN TECHNOLOGICAL UNIVERSITY	002292
PURDUE UNIVERSITY - CALUMET	001827
SANGAMON STATE UNIVERSITY	009333
UNIVERSITY OF MINNESOTA - DULUTH	002388
UNIVERSITY OF NORTHERN IOWA	001890
UNIVERSITY OF SOUTHERN INDIANA	001808
UNIVERSITY OF WISCONSIN - LA CROSSE	003919
UNIVERSITY OF WISCONSIN - STEVENS POINT	003924
UNIVERSITY OF WISCONSIN - STOUT	003915
WESTERN ILLINOIS UNIVERSITY	001780
********************LIBERAL ARTS	
OHIO WESLEYAN UNIVERSITY	003109
********************2-YR., JR. OR TECH.	

APPA TABLE 1-C: INDEX OF PUBLIC INSTITUTIONS, grouped by REGIONAL AFFILIATION
and by CARNEGIE CLASSIFICATION

INSTITUTION NAME	INST. ID
ALPENA COMMUNITY COLLEGE	002237
BLACK HAWK COLLEGE	008318
COLLEGE OF DUPAGE	006656
COLUMBUS STATE COMMUNITY COLLEGE	006867
COMMUNITY COLLEGES OF SPOKANE	010784
CUYAHOGA COMMUNITY COLLEGE	008797
HAWKEYE INSTITUTE OF TECHNOLOGY	004595
HOCKING TECHNICAL COLLEGE	007598
ILLINOIS VALLEY COMMUNITY COLLEGE	001705
JACKSON COMMUNITY COLLEGE	002274
LINCOLN LAND COMMUNITY COLLEGE	007170
MONTCALM COMMUNITY COLLEGE	002295
MUSKEGON COMMUNITY COLLEGE	002297
OAKTON COMMUNITY COLLEGE	009896
SINCLAIR COMMUNITY COLLEGE	003119
SOUTH SUBURBAN COLLEGE (COMMUNITY COLLEGE DISTRICT 510)	001769
SOUTHEASTERN COMMUNITY COLLEGE	008740
WILLIAM RAINEY HARPER COLLEGE	003961
********************PROFESSIONAL/SPECIALIZED	
MEDICAL COLLEGE OF OHIO	007737
SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE	100001
UNIVERSITY OF ILLINOIS COLLEGE OF MEDICINE - ROCKFORD	900006
WRIGHT STATE UNIVERSITY	009168
REGION: PACIFIC	
********************RESEARCH	
OREGON STATE UNIVERSITY	003210
UNIVERSITY OF CALIFORNIA - BERKELEY	001312
UNIVERSITY OF CALIFORNIA - DAVIS	001313
UNIVERSITY OF CALIFORNIA - SAN DIEGO	001317
UNIVERSITY OF CALIFORNIA - SAN FRANCISCO	001319
UNIVERSITY OF CALIFORNIA - SANTA BARBARA	001320
UNIVERSITY OF IDAHO	001626
UNIVERSITY OF OREGON	003223
UNIVERSITY OF WASHINGTON	003798
WASHINGTON STATE UNIVERSITY	003800
********************DOCTORATE GRANTING	
IDAHO STATE UNIVERSITY	001620
PORTLAND STATE UNIVERSITY	003216
SAN DIEGO STATE UNIVERSITY	000151
UNIVERSITY OF CALIFORNIA - RIVERSIDE	001316
UNIVERSITY OF CALIFORNIA - SANTA CRUZ	001321
********************COMPREHENSIVE	
BOISE STATE UNIVERSITY	001616
CALIFORNIA POLYTECHNIC STATE UNIVERSITY	001143
CALIFORNIA STATE UNIVERSITY - CHICO	001146
CALIFORNIA STATE UNIVERSITY - FRESNO	001147
CALIFORNIA STATE UNIVERSITY - HAYWARD	001138
CALIFORNIA STATE UNIVERSITY - LONG BEACH	001136
CALIFORNIA STATE UNIVERSITY - SACRAMENTO	001150
CENTRAL WASHINGTON UNIVERSITY	003771
EASTERN WASHINGTON UNIVERSITY	003775

APPA TABLE 1-C: INDEX OF PUBLIC INSTITUTIONS, grouped by REGIONAL AFFILIATION and by CARNEGIE CLASSIFICATION

INSTITUTION NAME	INST. ID
SAN JOSE STATE UNIVERSITY	001155
WESTERN WASHINGTON UNIVERSITY	003802
*********************LIBERAL ARTS	
EVERGREEN STATE COLLEGE	008155
*********************2-YR., JR. OR TECH.	
BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY	200006
CERRITOS COMMUNITY COLLEGE	001161
CLARK COLLEGE	003773
COAST COMMUNITY COLLEGE DISTRICT - ORANGE COAST COLLEGE CAMP	001250
CONTRA COSTA COMMUNITY COLLEGE DISTRICT	001189
EL CAMINO COLLEGE	001197
MAUI COMMUNITY COLLEGE	001615
PERALTA COMMUNITY COLLEGE DISTRICT	001265
TRUCKEE MEADOWS COMMUNITY COLLEGE	029231
WEST LOS ANGELES COLLEGE	008596
YOSEMITE COMMUNITY COLLEGE DISTRICT	666907
*********************PROFESSIONAL/SPECIALIZED	
FOOTHILL-DE ANZA COMMUNITY COLLEGE DISTRICT	009020
WESTERN OREGON STATE COLLEGE	003209
REGION: ROCKY MTN.	
*********************RESEARCH	
ARIZONA STATE UNIVERSITY	001081
COLORADO STATE UNIVERSITY	001350
NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY	002654
UNIVERSITY OF ALBERTA	200140
UNIVERSITY OF ARIZONA MAIN CAMPUS & ARIZONA HEALTH SCIENCES	001083
UNIVERSITY OF COLORADO - BOULDER	001370
UNIVERSITY OF SASKATCHEWAN	200087
UNIVERSITY OF UTAH	003675
UNIVERSITY OF WYOMING	003932
UTAH STATE UNIVERSITY	003677
*********************DOCTORATE GRANTING	
MONTANA STATE UNIVERSITY	002532
UNIVERSITY OF CALGARY	200077
UNIVERSITY OF MONTANA	002536
*********************COMPREHENSIVE	
EASTERN MONTANA COLLEGE	002530
NEW MEXICO HIGHLANDS UNIVERSITY	002653
*********************LIBERAL ARTS	
AURARIA HIGHER EDUCATION CENTER	009542
UNIVERSITY OF REGINA	200890
*********************2-YR., JR. OR TECH.	
AIMS COMMUNITY COLLEGE	007582

APPA TABLE 1-C: INDEX OF PUBLIC INSTITUTIONS, grouped by REGIONAL AFFILIATION and by CARNEGIE CLASSIFICATION

INSTITUTION NAME	INST. ID
MEDICINE HAT COLLEGE	200044
NORTHEASTERN JUNIOR COLLEGE	001361
RED ROCKS COMMUNITY COLLEGE	009543
SOUTH MOUNTAIN COMMUNITY COLLEGE	029242
UNIVERSITY OF SOUTHERN COLORADO	001365
********************PROFESSIONAL/SPECIALIZED	
UNIVERSITY OF COLORADO HEALTH SCIENCES CENTER	004508
UNIVERSITY OF NEW MEXICO	010313
REGION: SOUTHEASTERN	
********************RESEARCH	
GEORGIA INSTITUTE OF TECHNOLOGY	001569
LOUISIANA STATE UNIVERSITY A&M COLLEGE	002010
MEMPHIS STATE UNIVERSITY	003509
MISSISSIPPI STATE UNIVERSITY	002423
NORTH CAROLINA STATE UNIVERSITY	002972
TULANE UNIVERSITY	002029
UNIVERSITY OF ALABAMA - BIRMINGHAM	001052
UNIVERSITY OF ALABAMA - TUSCALOOSA	001051
UNIVERSITY OF FLORIDA	001535
UNIVERSITY OF GEORGIA	001598
UNIVERSITY OF KENTUCKY	001989
UNIVERSITY OF NORTH CAROLINA - CHAPEL HILL	002974
UNIVERSITY OF SOUTH CAROLINA - COLUMBIA	003448
UNIVERSITY OF TENNESSEE - KNOXVILLE	003530
UNIVERSITY OF VIRGINIA	006968
VIRGINIA COMMONWEALTH UNIVERSITY	003735
VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	003754
WEST VIRGINIA UNIVERSITY	003827
********************DOCTORATE GRANTING	
CLEMSON UNIVERSITY	003425
COLLEGE OF WILLIAM & MARY	003705
OLD DOMINION UNIVERSITY	003728
UNIVERSITY OF LOUISVILLE	001999
UNIVERSITY OF MISSISSIPPI	002440
UNIVERSITY OF NEW ORLEANS	002015
UNIVERSITY OF NORTH CAROLINA - GREENSBORO	002976
UNIVERSITY OF SOUTHERN MISSISSIPPI	002441
********************COMPREHENSIVE	
ARMSTRONG STATE COLLEGE	001546
EAST CAROLINA UNIVERSITY	002923
FLORIDA A&M UNIVERSITY	001480
FORT VALLEY STATE COLLEGE	001566
GEORGE MASON UNIVERSITY	003749
GEORGIA SOUTHWESTERN COLLEGE	001573
KENTUCKY STATE UNIVERSITY	001968
LOUISIANA STATE UNIVERSITY - SHREVEPORT	902013
MOREHEAD STATE UNIVERSITY	002367
MURRAY STATE UNIVERSITY	001977
RADFORD UNIVERSITY	003732
TENNESSEE STATE UNIVERSITY	003522
UNIVERSITY OF TENNESSEE - CHATTANOOGA	003529

APPA TABLE 1-C: INDEX OF PUBLIC INSTITUTIONS, grouped by REGIONAL AFFILIATION
and by CARNEGIE CLASSIFICATION

INSTITUTION NAME	INST. ID
WEST VIRGINIA STATE COLLEGE	003826
WESTERN CAROLINA UNIVERSITY	002981
*********************LIBERAL ARTS	
LONGWOOD COLLEGE	003719
*********************2-YR., JR. OR TECH.	
COLUMBIA STATE COMMUNITY COLLEGE	003483
EAST GEORGIA COLLEGE	010997
FLORIDA COMMUNITY COLLEGE - JACKSONVILLE	001484
HAYWOOD COMMUNITY COLLEGE	008083
INTER AMERICAN UNIVERSITY OF PUERTO RICO - GUAYAMA REGIONAL	008242
JOHN TYLER COMMUNITY COLLEGE	004004
MIAMI-DADE COMMUNITY COLLEGE	001506
NASHVILLE STATE TECHNICAL INSTITUTE	008145
STATE TECHNICAL INSTITUTE - MEMPHIS	007105
*********************PROFESSIONAL/SPECIALIZED	
LSU MEDICAL CENTER - SHREVEPORT	002013
MEDICAL UNIVERSITY OF SOUTH CAROLINA	003438
REGION: AUSTRALASIAN	
*********************RESEARCH	
NORTHERN TERRITORY UNIVERSITY	900090
UNIVERSITY OF OTAGO	900030
REGION: OTHER	
*********************RESEARCH	
UNIVERSITY OF WAIKATO	900035

APPA TABLE 1-D: INDEX OF NON-PUBLIC INSTITUTIONS, grouped by REGIONAL AFFILIATION
and by CARNEGIE CLASSIFICATION

INSTITUTION NAME	INST. ID
REGION: CENTRAL	
********************RESEARCH	
INSTITUTO TECHNOLOGICO Y DE ESTUDIOS SUPERIORES DE MONTERREY	201350
********************DOCTORATE GRANTING	
BAYLOR UNIVERSITY	006967
SOUTHERN METHODIST UNIVERSITY	003613
ST. MARY'S UNIVERSITY	003623
TEXAS CHRISTIAN UNIVERSITY	003636
********************COMPREHENSIVE	
MARYVILLE COLLEGE	002482
OUR LADY OF THE LAKE UNIVERSITY - SAN ANTONIO	003598
TRINITY UNIVERSITY	003647
UNIVERSITY OF ST. THOMAS	003654
********************LIBERAL ARTS	
SOUTHWESTERN UNIVERSITY	003620
********************2-YR., JR. OR TECH.	
BETHEL COLLEGE	001905
HESSTON COLLEGE	001920
********************PROFESSIONAL/SPECIALIZED	
BAYLOR COLLEGE OF MEDICINE	004949
REGION: EASTERN	
********************RESEARCH	
CLARK UNIVERSITY	002139
COLUMBIA UNIVERSITY	002707
DALHOUSIE UNIVERSITY	200023
GEORGE WASHINGTON UNIVERSITY	001444
GEORGETOWN UNIVERSITY	001445
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	002178
RENSSELAER POLYTECHNIC INSTITUTE	002803
UNIVERSITY OF DELAWARE	001431
UNIVERSITY OF ROCHESTER	002894
********************DOCTORATE GRANTING	
AMERICAN UNIVERSITY	001434
MCMASTER UNIVERSITY	200043
UNIVERSITY OF MONTREAL	200082
UNIVERSITY OF WINDSOR	200092
********************COMPREHENSIVE	
BEAVER COLLEGE	003235
BUCKNELL UNIVERSITY	003238
JOHNSON & WALES UNIVERSITY	003404

APPA TABLE 1-D: INDEX OF NON-PUBLIC INSTITUTIONS, grouped by REGIONAL AFFILIATION and by CARNEGIE CLASSIFICATION

INSTITUTION NAME	INST. ID
MCGILL UNIVERSITY	200042
RIDER COLLEGE	650678
ROCHESTER INSTITUTE OF TECHNOLOGY	002806
UNIVERSITY OF HARTFORD	001422
WENTWORTH INSTITUTE OF TECHNOLOGY	029099
WORCESTER POLYTECHNIC INSTITUTE	002233
********************LIBERAL ARTS	
AMHERST COLLEGE	002115
BOWDOIN COLLEGE	002038
CABRINI COLLEGE	003241
CEDAR CREST COLLEGE	003243
COLBY COLLEGE	002039
ELIZABETHTOWN COLLEGE	003262
EMERSON COLLEGE	002146
HAVERFORD COLLEGE	003274
LAFAYETTE COLLEGE	003284
LOYOLA COLLEGE IN MARYLAND	002078
LYCOMING COLLEGE	003293
MESSIAH COLLEGE	003298
MORAVIAN COLLEGE	003301
MOUNT HOLYOKE COLLEGE	002192
ROSEMONT COLLEGE	003360
ST. LAWRENCE UNIVERSITY	002829
ST. VINCENT COLLEGE	003368
SWARTHMORE COLLEGE	003370
TRINITY COLLEGE	001414
URSINUS COLLEGE	003385
VASSAR COLLEGE	002895
WASHINGTON COLLEGE	002108
WILLIAMS COLLEGE	002229
********************2-YR., JR. OR TECH.	
SAINT FRANCIS COLLEGE	003366
********************PROFESSIONAL/SPECIALIZED	
CANADIAN MEMORIAL CHIROPRACTIC COLLEGE	200010
NEW YORK MEDICAL COLLEGE	002784
NEW YORK UNIVERSITY MEDICAL CENTER	100816
STEVENS INSTITUTE OF TECHNOLOGY	002639
THOMAS JEFFERSON UNIVERSITY	003278
REGION: MIDWEST	
********************RESEARCH	
ILLINOIS INSTITUTE OF TECHNOLOGY	001691
MICHIGAN STATE UNIVERSITY	002290
NORTHWESTERN UNIVERSITY	001739
********************DOCTORATE GRANTING	
MARQUETTE UNIVERSITY	003863
********************COMPREHENSIVE	
BETHEL COLLEGE AND SEMINARY	009058

APPA TABLE 1-D: INDEX OF NON-PUBLIC INSTITUTIONS, grouped by REGIONAL AFFILIATION
and by CARNEGIE CLASSIFICATION

INSTITUTION NAME	INST. ID
BRADLEY UNIVERSITY	001641
HAMLINE UNIVERSITY	002354
MILWAUKEE SCHOOL OF ENGINEERING	003868
ST. NORBERT COLLEGE	003892
XAVIER UNIVERSITY	003144
********************LIBERAL ARTS	
AQUINAS COLLEGE	002239
BELOIT COLLEGE	003835
BUTLER UNIVERSITY	001788
CENTRAL COLLEGE	001850
CONCORDIA COLLEGE	002346
DEFIANCE COLLEGE	003041
DORDT COLLEGE	001859
GUSTAVUS ADOLPHUS COLLEGE	002353
MACALESTER COLLEGE	002358
PURDUE UNIVERSITY - NORTH CENTRAL	001826
WHEATON COLLEGE	001781
WILMINGTON COLLEGE	003142
WITTENBERG UNIVERSITY	003143
********************2-YR., JR. OR TECH.	
ALMA COLLEGE	002236
********************PROFESSIONAL/SPECIALIZED	
SCHOOL OF THE ART INSTITUTE OF CHICAGO	001753
REGION: PACIFIC	
********************RESEARCH	
UNIVERSITY OF SOUTHERN CALIFORNIA	001328
********************DOCTORATE GRANTING	
CLAREMONT COLLEGES	001169
********************COMPREHENSIVE	
AZUSA PACIFIC UNIVERSITY	001117
LOYOLA MARYMOUNT UNIVERSITY	011649
SEATTLE PACIFIC UNIVERSITY	003788
UNIVERSITY OF PUGET SOUND	003797
********************LIBERAL ARTS	
LINFIELD COLLEGE	003198
OCCIDENTAL COLLEGE	001249
REED COLLEGE	003217
UNIVERSITY OF REDLANDS	001322
********************2-YR., JR. OR TECH.	
POMONA COLLEGE	001173
RICKS COLLEGE	001625
WESTMONT COLLEGE	001341

APPA TABLE 1-D: INDEX OF NON-PUBLIC INSTITUTIONS, grouped by REGIONAL AFFILIATION and by CARNEGIE CLASSIFICATION

INSTITUTION NAME	INST. ID
********************PROFESSIONAL/SPECIALIZED	
CALIFORNIA COLLEGE OF PODIATRIC MEDICINE	001135
OREGON HEALTH SCIENCES UNIVERSITY	004882
REGION: ROCKY MTN.	
********************COMPREHENSIVE	
MONTANA COLLEGE OF MINERAL SCIENCE & TECHNOLOGY	002531
********************LIBERAL ARTS	
COLORADO COLLEGE	001347
********************PROFESSIONAL/SPECIALIZED	
AMERICAN GRADUATE SCHOOL OF INTERNATIONAL MANAGEMENT	001070
REGION: SOUTHEASTERN	
********************RESEARCH	
VANDERBILT UNIVERSITY	003535
********************DOCTORATE GRANTING	
WAKE FOREST UNIVERSITY	002978
********************COMPREHENSIVE	
BRENAU COLLEGE	001556
ELON COLLEGE	002927
EMBRY-RIDDLE AERONAUTICAL UNIVERSITY	001479
UNIVERSITY OF RICHMOND	003744
********************LIBERAL ARTS	
ECKERD COLLEGE	001487
FURMAN UNIVERSITY	003434
GEORGETOWN COLLEGE	001964
LENOIR-RHYNE COLLEGE	002941
MILLSAPS COLLEGE	002414
PFEIFFER COLLEGE	002955
SALEM ACADEMY AND COLLEGE	002960
WASHINGTON AND LEE UNIVERSITY	003768
********************2-YR., JR. OR TECH.	
MOUNTAIN EMPIRE COMMUNITY COLLEGE	009629
********************PROFESSIONAL/SPECIALIZED	
MERCER UNIVERSITY - ATLANTA	008419
SOUTHERN BAPTIST THEOLOGICAL SEMINARY	001982
REGION: OTHER	
********************DOCTORATE GRANTING	

APPA TABLE 1-D: INDEX OF NON-PUBLIC INSTITUTIONS, grouped by REGIONAL AFFILIATION and by CARNEGIE CLASSIFICATION

INSTITUTION NAME	INST. ID
KING FAHD UNIVERSITY OF PETROLEUM & MINERALS	200920

PROFILES OF REPORTING INSTITUTIONS

Table 2-A
Public Institutions by Region 99
  Central *99*
  Eastern *100*
  Midwest *101*
  Pacific Coast *103*
  Rocky Mountain *104*
  Southeastern *105*
  Australasian *106*
  Other *107*

Table 2-B
Non-Public Institutions by Region 108
  Central *108*
  Eastern *108*
  Midwest *110*
  Pacific Coast *111*
  Rocky Mountain *112*
  Southeastern *112*
  Other *113*

APPA TABLE 2-A: PROFILES OF PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., Funding Source, and GSF

INST. ID CENTRAL	TYPE OF INSTITUTION	A/C SPACE %	FTE-PHYSICAL PLANT	BENEFITS %	DEF. MAINT. BUDGET $$	CRDM OUTSTANDING $$
CENTRAL						
*************RESEARCH						
001108	5,452,056 GSF	38.4	324	19.0	1,349,696	23,291,556
003184	7,642,359 GSF	71.6	453	18.3	0	9,909,604
002516	9,149,556 GSF	54.7	537	24.8	2,836,900	63,899,403
002565	9,471,159 GSF					
003658	13,217,732 GSF	98.0	1,188	25.0	1,965,000	38,000,000
010366	13,960,800 GSF	71.0	829	28.5	5,368,000	35,000,000
*************DOCTORATE GRANTING						
003549	430,457 GSF	88.0	40			
003463	1,304,490 GSF	100.0	105	25.0	500,000	8,935,000
010300	1,860,179 GSF		97		662,303	26,000,000
003471	2,631,486 GSF	33.9	134	14.0	712,637	30,000,000
009265	2,965,796 GSF	43.0	166	31.2	1,114,451	2,425,847
003606	3,599,710 GSF	93.0	150	26.5		
003656	3,687,903 GSF	93.4	224	0.0	641,047	15,118,913
003005	4,688,594 GSF	87.0	316	24.0	8,560,000	17,564,478
003652	5,867,462 GSF	95.2	412			
001928	6,126,130 GSF	94.0	438	20.9	1,800,000	24,000,000
003644	6,315,936 GSF	78.3	513	34.0	419,000	64,186,000
*************COMPREHENSIVE						
003459	638,629 GSF	38.0	30	20.0	127,000	3,900,000
003466	742,334 GSF	46.9	44	0.1	873,000	175,000
001085	765,000 GSF	99.9				
010115	1,202,723 GSF	100.0	165	17.0	653,000	2,850,000
003161	1,388,376 GSF	96.0	121	25.0		39,000,000
001926	1,495,056 GSF	85.0	114	27.0	233,000	1,500,500
001927	1,558,718 GSF	85.0	62	20.0	315,000	2,701,000
003639	1,702,000 GSF	92.0	114	29.0	1,250,000	25,000,000
002501	2,006,303 GSF	75.0	180	0.3	2,863,700	19,300,631
002554	2,025,412 GSF	95.0	153	22.0	0	5,390,145
003665	2,156,262 GSF	60.0	110	26.0		
001950	2,217,230 GSF	91.0	195	14.8	430,000	9,785,400
003624	2,867,058 GSF	99.0	175	28.0	1,500,000	
002200	3,093,424 GSF	77.0	214	29.3	670,478	7,500,000
*************LIBERAL ARTS						
003594	3,882,293 GSF	80.7	255	25.0	3,939,350	25,004,005
*************2-YR., JR. OR TECH.						
003539	343,343 GSF	87.0	33	8.5	0	0
007857	359,000 GSF	100.0	27	12.0	215,000	0

APPA TABLE 2-A: PROFILES OF PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., Funding Source, and GSF

INST. ID	TYPE OF INSTITUTION	A/C SPACE %	FTE-PHYSICAL PLANT	BENEFITS %	DEF. MAINT. BUDGET $$	CRDM OUTSTANDING $$
CENTRAL						
002470	535,000 GSF	97.0	53		49,000	2,000,000
008244	568,357 GSF	98.0				
010387	690,531 GSF	95.0	70	16.0		
************PROFESSIONAL/SPECIALIZED						
005889	1,377,299 GSF	100.0	98	23.1		2,500,000
003659	1,707,772 GSF	99.4	282	27.0	0	1,147,200
006895	2,212,738 GSF	89.5	125	16.0	0	22,650,788
011618	2,507,085 GSF	83.4	62	28.0	788,000	26,000,000
004605	2,763,498 GSF	90.0	539	16.0	1,200,000	7,000,000
EASTERN						
************RESEARCH						
003696	3,813,101 GSF	19.5	215	30.0	600,000	18,000,000
002588	4,026,280 GSF	11.2	192	26.7	960,000	40,000,000
200098	4,641,460 GSF	90.0	405	14.6	1,800,000	
200016	4,704,222 GSF	66.8	386	13.7	0	0
200078	4,940,182 GSF	58.1	462	14.3		
029013	5,859,000 GSF	35.0	414	40.1	16,500	
200039	5,989,742 GSF	46.5	208	16.3	5,083,000	21,000,000
009554	8,153,490 GSF	67.9	765	27.0	26,660,100	22,064,600
002103	9,517,642 GSF	80.0	842	30.0	1,136,356	8,981,760
002711	11,200,000 GSF	36.0	672	26.0	4,000,000	60,000,000
006965	12,479,328 GSF	15.0	868	35.9	6,594,900	38,700,000
006964	13,158,043 GSF	71.5	899	24.0	3,062,000	56,000,000
************DOCTORATE GRANTING						
003325	1,600,000 GSF	35.0	150			
008810	2,709,064 GSF	30.0	277	33.0	2,872,000	
200091	4,940,000 GSF	60.0	267	16.4	4,402,000	
002221	6,440,995 GSF	35.5	677	80.0		
************COMPREHENSIVE						
003324	1,201,194 GSF	28.0	78	27.7	175,000	6,519,415
003315	1,753,616 GSF	20.0				
003328	2,087,980 GSF	39.0	187	30.0	544,350	8,056,000
200045	2,278,020 GSF	25.0	241	10.0		
002099	2,649,999 GSF	75.3	126	29.2	928,302	6,143,250
************LIBERAL ARTS						
003683	452,598 GSF	22.3	28	32.8		
200690	1,000,000 GSF	50.0		13.0		

APPA TABLE 2-A: PROFILES OF PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., Funding Source, and GSF

INST. ID	TYPE OF INSTITUTION	A/C SPACE %	FTE-PHYSICAL PLANT	BENEFITS %	DEF. MAINT. BUDGET $$	CRDM OUTSTANDING $$
EASTERN						
************2-YR., JR. OR TECH.						
009994	200,000 GSF	50.0		25.0		
007912	235,394 GSF	10.0	9			
007053	300,000 GSF	95.0	22	28.0	180,000	
006782	300,000 GSF	85.0	27	30.0	50,000	
100002	302,000 GSF	95.4	47	24.7	40,000	2,800,000
006788	310,000 GSF	100.0	29	28.0	51,300	1,698,400
007731	382,789 GSF		33	27.0	1,563,558	4,750,000
002176	409,350 GSF	47.0	37	26.0	48,000	600,000
200100	412,597 GSF	98.0	2,400	13.7	450,000	
002058	437,180 GSF	100.0	66		217,000	
200099	496,117 GSF	85.0	57	6.5		
002063	541,412 GSF	93.3	83	0.3		
002871	565,464 GSF	68.0	74	30.0	1,000,000	3,786,000
002089	584,683 GSF	92.5	95	29.3	450,000	450,000
200714	630,000 GSF	10.0	52	12.5	250,000	6,700,000
200002	750,000 GSF	75.0	41	15.0	2,000,000	
200067	942,000 GSF	90.0	31	14.2	500,000	1,000,000
************PROFESSIONAL/SPECIALIZED						
002893	664,700 GSF		630	29.0		
029013	1,300,000 GSF	100.0	218		30,000	10,000,000
002104	2,707,549 GSF	60.0	447	30.0	950,000	50,000,000
************OTHER						
200001	607,700 GSF	71.0				
MIDWEST						
************RESEARCH						
001776	8,239,320 GSF	86.7	500	23.5	4,956,900	50,000,000
002329	8,249,995 GSF	75.0	335	26.5	3,781,167	24,305,000
003125	8,600,000 GSF	75.0	525	30.0	150,000	65,000,000
001869	11,566,963 GSF	35.0	520	28.8	0	43,000,000
001892	11,851,656 GSF	70.0	544	28.0	0	30,000,000
008002	12,640,553 GSF	60.0	743	25.0	3,336,000	99,750,000
001825	13,469,479 GSF	5[illegible].0	97	29.8	5,540,250	
001775	15,890,000 GSF	50.0	720	15.0	2,200,000	100,000,000
00[illegible]895	16,054,000 GSF			31.0		
006883	19,319,111 GSF	56.3	728	23.1	6,125,000	45,500,000
009092	22,362,166 GSF	34.8	851	23.0	2,900,000	42,796,960

************DOCTORATE GRANTING

APPA TABLE 2-A: PROFILES OF PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., Funding Source, and GSF

INST. ID MIDWEST	TYPE OF INSTITUTION	A/C SPACE %	FTE-PHYSICAL PLANT	BENEFITS %	DEF. MAINT. BUDGET $$	CRDM OUTSTANDING $$
003032	3,247,390 GSF	95.0	219	28.7	225,000	
003896	4,671,500 GSF	65.0	291	28.0	777,300	16,300,000
003123	4,990,628 GSF	98.0	219	28.0		
001692	5,300,000 GSF	85.0	327	28.0	1,300,000	90,000,000
007104	5,321,002 GSF	48.0	341	24.5	4,500,000	132,000,000
001737	5,449,087 GSF	78.4	370			
001786	5,490,672 GSF	44.9	344	29.0	10,500,000	17,500,000
002330	6,306,389 GSF	34.3	298	33.2	500,000	12,000,000
001758	6,469,406 GSF	90.0	404	35.0	1,597,700	30,000,000
*************COMPREHENSIVE						
001808	583,821 GSF	97.0	55	33.9		260,000
009333	652,421 GSF	96.0	61	25.0	239,400	500,000
001827	676,000 GSF	95.0	81	30.0	0	0
003919	1,919,027 GSF	51.7	106	28.0		
003915	2,100,996 GSF	80.0	104	36.0	48,000	
003924	2,180,180 GSF	51.5	96	39.0	8,129,849	6,029,345
002292	2,498,222 GSF	10.2	68	30.0	7,500,000	80,000,000
001674	2,571,770 GSF	87.0	188	35.0	635,000	60,000,000
002388	2,611,880 GSF	5.0	160	24.5	840,000	15,000,000
001890	3,521,746 GSF	44.3	247	26.0	460,000	17,900,000
002243	4,121,340 GSF	30.9	258	32.4	989,000	31,000,000
001780	4,250,000 GSF	95.0		24.0		
009563	4,554,064 GSF	55.4	241	13.0	1,600,000	112,000,000
*************LIBERAL ARTS						
003109	1,285,539 GSF	24.0	63	32.0	0	8,000,080
*************2-YR., JR. OR TECH.						
002295	137,000 GSF	25.0	9	30.0		
008740	171,500 GSF	100.0	9			
007598	284,000 GSF	70.0	24	27.0	250,000	600,000
002237	289,266 GSF	0.5	10	30.0	990,000	870,000
001705	310,294 GSF	90.0	21	11.0	205,000	400,000
002297	312,842 GSF	36.2	25	26.5	490,000	1,258,000
007170	319,925 GSF	99.0	36	0.1		
008318	343,840 GSF	95.0	40	8.7	590,000	950,000
009896	346,140 GSF	100.0	41	17.0	0	0
004595	387,660 GSF	74.5	31			
006867	447,000 GSF	90.0	25	33.0		
001769	496,000 GSF	90.0	57	14.2	859,000	2,500,000
002274	496,000 GSF	90.0	37	22.0	450,000	1,200,000
003961	733,990 GSF	85.0	126	10.7	1,000,000	10,000,000
006656	1,139,965 GSF	98.0	119	23.5	8,875,702	
010784	1,300,000 GSF	72.0	66			
003119	1,488,943 GSF	67.7	38	24.2	1,764,749	379,500
008797	1,740,576 GSF	62.2	79	26.0	1,651,670	

APPA TABLE 2-A: PROFILES OF PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., Funding Source, and GSF

INST. ID	TYPE OF INSTITUTION	A/C SPACE %	FTE-PHYSICAL PLANT	BENEFITS %	DEF. MAINT. BUDGET $$	CRDM OUTSTANDING $$
MIDWEST						
*************PROFESSIONAL/SPECIALIZED						
900006	178,669 GSF	92.3	15	14.0	33,459	1,115,000
100001	519,471 GSF	91.0	21			
007737	1,380,895 GSF	96.0	99	35.0	0	4,000,000
009168	1,916,440 GSF	99.0	228	30.8	3,469,500	1,700,000
PACIFIC						
*************RESEARCH						
001626	3,192,422 GSF	26.0	206	26.0	0	130,138,304
003223	4,127,010 GSF	41.0	220	66.2	668,259	1,681,741
001320	4,163,295 GSF	40.0	233	28.0	982,201	17,419,000
001319	5,051,250 GSF	3.8	298	25.0	681,000	200,000,000
003210	5,925,380 GSF	16.9	163	42.9	1,245,857	52,250,000
001317	8,601,000 GSF	65.0	419	31.0	1,207,000	25,000,000
001313	9,110,382 GSF	80.0	659	33.0	2,747,641	31,425,800
003800	9,156,000 GSF	41.0	301	28.0	2,500,000	26,588,000
001312	12,948,626 GSF		589	27.1	4,076,000	110,000,000
003798	13,725,400 GSF	20.0	618	28.4	14,366,500	70,000,000
*************DOCTORATE CRANTING						
001620	2,417,465 GSF	53.4	150	28.3	3,000,000	34,500,000
001321	2,817,013 GSF	10.2	158	27.3	876,000	10,416,000
001316	2,818,926 GSF	56.8	235	26.8	924,000	21,659,100
003216	3,203,630 GSF	47.0	61	39.5	185	0
000151	4,467,226 GSF	69.0	283	31.0	458,000	3,929,000
*************COMPREHENSIVE						
001138	1,300,000 GSF		145	35.0	240,000	
003771	1,375,200 GSF		125	25.0	210,000	653,000
001150	1,852,745 GSF	98.0	167	30.0	312,300	68,600,000
001616	2,022,234 GSF	79.9	92	27.0	836,288	2,631,925
001146	2,125,000 GSF	66.0	144	50.7	168,350	5,146,423
001147	2,181,420 GSF	80.0	166	30.0	227,100	4,000,000
003775	2,208,943 GSF	35.2	121	26.0	1,784,000	13,000,000
003802	2,607,800 GSF	5.0	113	24.3	0	10,000,000
001143	2,820,462 GSF	8.4	215	33.0	1,800,000	6,600,000
001136	2,849,091 GSF	40.0	323	33.0	175,000	50,000,000
001155	4,267,978 GSF	65.0	258	33.0		
*************LIBERAL ARTS						
008155	1,000,000 GSF	80.0	64	27.0	0	1,200,000

APPA TABLE 2-A: PROFILES OF PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., Funding Source, and GSF

INST. ID	TYPE OF INSTITUTION	A/C SPACE %	FTE-PHYSICAL PLANT	BENEFITS %	DEF. MAINT. BUDGET $$	CRDM OUTSTANDING $$
PACIFIC						
************2-YR., JR. OR TECH.						
029231	193,000 GSF	100.0	23	21.8	0	1,259,000
001615	196,000 GSF	30.0	14	30.0	1,000,000	1,000,000
008596	307,640 GSF	100.0	38	46.8	100,000	
003773	506,200 GSF	90.0	35	26.7	510,720	4,511,475
001250	679,121 GSF	75.0	62	33.0	471,400	
001161	711,404 GSF	75.0	74	18.0	233,000	1,729,501
666907	840,676 GSF		67			
001197	1,228,244 GSF	60.0	95		54,000	179,000
001265	1,229,579 GSF	20.0	35	33.2	1,139,741	3,313,146
200006	1,905,285 GSF	28.3	55	15.0	3,500,000	35,400,000
001189	11,111,618 GSF	95.0	42	28.0	3,200,000	13,400,000
************PROFESSIONAL/SPECIALIZED						
003209	1,017,333 GSF	39.0	63	43.3	192,500	2,503,162
009020	1,028,781 GSF	66.0	96	27.6	686,558	0
ROCKY MTN.						
************RESEARCH						
002654	970,528 GSF	80.0	96	35.0		
200087	4,068,170 GSF	46.7	428	9.8	4,996,000	60,000,000
003932	4,464,987 GSF	31.3	244	24.0	0	0
003677	4,988,026 GSF	95.9	211	32.7	664,462	8,500,000
001083	6,172,163 GSF	100.0	694	23.2	4,839,467	49,062,887
001350	7,138,821 GSF	33.0	398	17.0	3,000,000	35,000,000
003675	7,354,132 GSF	65.0	364	38.0	839,608	14,000,000
001081	7,381,292 GSF	83.6	579	20.4	2,559,800	55,953,365
001370	7,500,000 GSF	52.5	270	17.7	860,000	70,000,000
200140	11,422,000 GSF	95.0	565	13.5	15,000,000	60,000,000
************DOCTORATE GRANTING						
002536	2,915,730 GSF	30.1	129	27.0	130,000	10,233,800
002532	4,051,369 GSF	28.0				
200077	6,571,355 GSF	87.5	349	12.5	1,100,000	10,500,000
************COMPREHENSIVE						
002653	777,623 GSF	22.7	76	27.0	2,317,500	
002530	844,729 GSF	46.0	53	20.0	160,000	
************LIBERAL ARTS						

APPA TABLE 2-A: PROFILES OF PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., Funding Source, and GSF

INST. ID	TYPE OF INSTITUTION	A/C SPACE %	FTE-PHYSICAL PLANT	BENEFITS %	DEF. MAINT. BUDGET $$	CRDM OUTSTANDING $$
ROCKY MTN.						
200890	1,343,782 GSF	83.8	134	21.0		
009542	1,375,602 GSF	61.6	132	15.5	86,000	1,240,000
*************2-YR., JR. OR TECH.						
029242	146,926 GSF	97.0	25	7.5	29,000	0
009543	268,110 GSF	87.4	19	12.9	94,000	407,000
007582	290,000 GSF	80.0	17	25.0	80,000	228,100
001361	550,000 GSF	40.0	30	39.0	0	550,000
200044	879,214 GSF	83.7	38	14.0	165,000	220,000
001365	885,751 GSF	85.0	50	17.0		1,500,000
*************PROFESSIONAL/SPECIALIZED						
004508	1,731,922 GSF	90.0	153	13.5	555,000	10,000,000
010313	5,400,000 GSF	71.8	407	28.0	3,309,000	
SOUTHEASTERN						
*************RESEARCH						
002029	2,914,448 GSF	95.0	273	22.7	500,000	31,166,800
003827	3,000,000 GSF	80.0	385			
003509	3,997,552 GSF	95.0	411	35.0	1,010,000	2,915,000
001569	5,000,000 GSF		350		1,250,000	30,000,000
002423	5,089,353 GSF	80.0	224	22.8		
003735	5,848,274 GSF	94.6	680	27.9	0	0
001051	5,976,469 GSF	85.0	346	10.0		90,097
003754	6,274,631 GSF	35.0	370	30.8	4,130,665	8,075,000
001052	6,421,289 GSF	95.6	527	17.8	300,000	45,000,000
006968	6,745,250 GSF	75.0	598	22.0	2,225,000	17,000,000
003448	7,773,424 GSF	80.0	469	39.0		
001598	8,288,954 GSF	85.0	804	42.5	3,860,000	200,000,000
002010	8,419,000 GSF	80.0	468	16.0	945,137	32,000,000
002972	8,779,961 GSF	35.0	651	23.1	3,198,000	8,500,000
001989	10,458,305 GSF	76.5	707	18.8	482,500	99,909,767
002974	10,500,000 GSF	82.0	1,070	20.6	2,021,000	102,000,000
003530	11,204,285 GSF	90.0	462	30.0	2,190,000	85,000,000
001535	13,687,555 GSF	69.9	831	26.8	3,320,291	16,357,000
*************DOCTORATE GRANTING						
003728	1,740,247 GSF	93.6	191	26.6	1,291,131	2,400,000
002015	2,076,114 GSF	97.6	135	17.5	200,000	3,579,000
003705	2,192,995 GSF	72.5	193	27.4	816,225	8,800,000
002976	2,817,649 GSF	71.5	186	20.0	0	
002441	3,006,124 GSF	72.1	213	23.0	2,100,000	25,000,000
002440	3,846,017 GSF	60.0	268	22.0		
001999	4,678,062 GSF	92.5	423	21.5	450,000	
003425	5,149,753 GSF	99.5	378	20.0	5,500,000	28,000,000

APPA TABLE 2-A: PROFILES OF PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., Funding Source, and GSF

INST. ID SOUTHEASTERN	TYPE OF INSTITUTION	A/C SPACE %	FTE-PHYSICAL PLANT	BENEFITS %	DEF. MAINT. BUDGET $$	CRDM OUTSTANDING $$
*************COMPREHENSIVE						
001546	427,067 GSF	97.0	21	24.6	133,000	250,000
902013	650,000 GSF	95.4	45			
003826	686,550 GSF	86.5	55	27.0	20,000	1,200,000
001573	730,391 GSF	100.0	25	28.0	502,991	3,826,353
001968	904,743 GSF	95.1	90	23.0	725,000	380,000
001566	983,226 GSF	87.9	70	27.0	175,000	446,000
003529	1,572,317 GSF		130	28.0	0	0
001480	1,896,105 GSF	42.0	212			
003732	1,935,365 GSF	42.0	206	29.0	220,000	2,252,000
003522	2,072,614 GSF	82.0	116	22.0		2,000,000
003749	2,231,480 GSF	98.2	125	26.8	912,515	979,000
002981	2,288,127 GSF	43.8	150	17.3	839,700	15,184,000
002367	2,600,000 GSF	70.0	136	24.0	500,000	50,000,000
001977	3,071,040 GSF	72.4	156	23.9	1,250,000	35,000,000
002923	3,712,690 GSF					
*************LIBERAL ARTS						
003719	1,144,005 GSF	70.0	93	28.4	662,050	
*************2-YR., JR. OR TECH.						
008242	56,341 GSF	0.3		13.0	39,500	155,500
010997	69,835 GSF	94.1	9	29.8	91,293	
004004	150,000 GSF	100.0			200,000	3,000,000
008083	234,781 GSF	50.9	18	19.0		
008145	264,207 GSF	97.0	20	24.6		72,056
003483	295,135 GSF	92.0	22	25.0	425,000	110,000
007105	376,483 GSF	98.0	20			
001484	1,665,595 GSF	86.0	131	30.0		
001506	2,000,000 GSF	80.0	120	26.0	400,000	2,400,000
*************PROFESSIONAL/SPECIALIZED						
002013	1,472,896 GSF	85.0	133	17.0		5,000,000
003438	2,977,335 GSF	96.0	280	19.0	0	31,618,000
AUSTRALASIAN						
*************RESEARCH						
900090	592,034 GSF	95.0	73		320,208	
900030	3,000,000 GSF	10.0	66			20,000,000

APPA TABLE 2-A: PROFILES OF PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., Funding Source, and GSF

INST. ID	TYPE OF INSTITUTION	A/C SPACE %	FTE-PHYSICAL PLANT	BENEFITS %	DEF. MAINT. BUDGET $$	CRDM OUTSTANDING $$
AUSTRALASIAN						
OTHER						
*************RESEARCH						
900035	849,631 GSF	0.3	59			

APPA TABLE 2-B: PROFILES OF NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., Funding Source, and GSF

INST. ID CENTRAL	TYPE OF INSTITUTION	A/C SPACE %	FTE-PHYSICAL PLANT	BENEFITS %	DEF. MAINT. BUDGET $$	CRDM OUTSTANDING $$
CENTRAL						
*************RESEARCH						
201350	1,413,183 GSF	41.0	352	55.0	89,300,000	
*************DOCTORATE GRANTING						
003623	911,205 GSF	91.3	83	23.3	300,000	5,000,000
003636	2,589,616 GSF	79.7	225	29.4	450,000	25,000,000
003613	2,810,000 GSF	100.0	190	26.0	0	16,000,000
006967	3,231,754 GSF	90.7	103	24.0	725,000	30,232,000
*************COMPREHENSIVE						
002482	375,000 GSF	95.0	30	16.0	250,000	
003654	385,000 GSF	95.0	9	17.0		
003598	433,474 GSF	100.0	60	12.0	200,000	9,500,000
003647	1,878,120 GSF	86.4	69	20.0	657,517	
*************LIBERAL ARTS						
003620	619,805 GSF	92.3	60			
*************2-YR., JR. OR TECH.						
001920	287,460 GSF	48.7	8	20.0	47,000	
001905	404,577 GSF	37.2	[illegible]	24.2	60,495	10,495
*************PROFESSIONAL/SPECIALIZED						
004949	1,075,000 GSF	95.0	157	27.0	300,000	3,223,000
EASTERN						
*************RESEARCH						
002139	1,349,513 GSF	23.5	80	30.0	430,000	
002803	3,471,727 GSF	34.0	159	21.4	500,000	127,000,000
200023	3,800,000 GSF				60,000,000	1,300,000
001444	3,978,455 GSF	90.0	461	22.5	100,000	6,555,000
001445	5,500,000 GSF	80.0	410	21.7	2,000,000	57,000,000
002707	5,578,294 GSF	56.7	456	27.0	12,479,000	230,650,060
002894	5,786,821 GSF	58.0	359	26.0	1,600,000	33,000,000
001431	5,944,521 GSF	73.0	258	37.0	2,098,930	40,000,000

APPA TABLE 2-B: PROFILES OF NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., Funding Source, and GSF

INST. ID EASTERN	TYPE OF INSTITUTION	A/C SPACE %	FTE-PHYSICAL PLANT	BENEFITS %	DEF. MAINT. BUDGET $$	CRDM OUTSTANDING $$
002178	8,930,673 GSF	75.0	580	35.3	1,800,000	30,000,000
*************DOCTORATE GRANTING						
200092	2,120,911 GSF	78.4	187	15.1		
001434	2,180,000 GSF	82.3	276	25.0	1,400,000	15,000,000
200043	2,934,676 GSF	70.3	287	14.4	4,540,000	19,180,000
200082	5,556,000 GSF	33.3	355	15.5	2,200,000	15,800,000
*************COMPREHENSIVE						
003235	404,821 GSF	28.0	45	21.0	0	9,000,000
650678	1,038,864 GSF	30.0	48	28.0	4,000,000	30,000,000
001422	1,086,003 GSF	73.5	160	25.8	500,200	23,000,000
029099	1,123,491 GSF	9.8	67	35.0	481,000	61,800,000
002233	1,230,000 GSF	12.0	87	23.0	240,000	15,000,000
003404	1,349,404 GSF	58.8	163	29.0	750,000	3,500,000
003238	1,983,253 GSF	81.0	182	28.4	0	0
002806	3,069,590 GSF	45.0	223	26.1	500,000	10,965,800
200042	6,240,693 GSF		363	20.0	5,035,000	
*************LIBERAL ARTS						
003241	330,000 GSF	47.0		22.0	70,000	110,000
003360	435,000 GSF	14.0	35	30.0	4,000,000	
002108	466,500 GSF	20.0	48	22.5		
003243	564,380 GSF	25.0	31	30.0		
002146	639,000 GSF	15.0	53	36.0	725,000	8,000,000
003262	684,719 GSF	64.0	58	30.0	635,000	0
003293	743,022 GSF	32.0	51	18.0	250,000	963,756
003301	750,000 GSF	51.3	73	30.0	575,000	1,000,000
003385	754,000 GSF	46.0	38	19.0	244,000	0
003368	874,595 GSF	17.0	55	17.0	250,000	2,000,000
003298	1,018,085 GSF	73.9	78	24.0	789,095	
002039	1,089,370 GSF	2.0	99	15.1	666,000	
003274	1,164,000 GSF	24.0	70	27.4	600,000	8,600,000
003284	1,177,000 GSF	22.4	108	27.0	1,000,000	628,300
002078	1,186,718 GSF	95.0	125		250,000	2,000,000
001414	1,300,000 GSF	40.0	84	27.0	450,000	2,000,000
002038	1,345,943 GSF	0.1	102	25.0	1,500,000	
003370	1,396,475 GSF	10.0	103	26.0	10,000,000	21,000,000
002829	1,600,000 GSF	0.0	109		750,000	3,400,000
002229	1,889,392 GSF	10.6	141	30.0	600,000	20,000,000
002895	1,951,454 GSF	6.2	120	30.0	2,000,000	38,000,000
002192	1,953,192 GSF	8.4	146	17.1	812,000	17,000,000
002115	2,177,926 GSF	29.0	150	15.0		
*************2-YR., JR. OR TECH.						
003366	500,000 GSF	22.0	61	32.0	200,000	6,000,000

APPA TABLE 2-B: PROFILES OF NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., Funding Source, and GSF

INST. ID	TYPE OF INSTITUTION	A/C SPACE %	FTE-PHYSICAL PLANT	BENEFITS %	DEF. MAINT. BUDGET $$	CRDM OUTSTANDING $$
EASTERN						
*************PROFESSIONAL/SPECIALIZED						
200010	100,000 GSF	100.0	22	1.5		
002784	500,000 GSF	90.0	53	24.0	640,000	3,500,000
002639	1,178,788 GSF	45.0	93	21.0		
100816	1,500,000 GSF	100.0	135	22.0		
003278	3,272,241 GSF	98.0	291	23.0	1,000,000	5,000,000
MIDWEST						
*************RESEARCH						
001691	1,618,488 GSF	75.0		20.0	5,000,000	5,000,000
001739	7,805,804 GSF	63.4	302	19.0	4,883,000	2,000,000
002290	19,402,646 GSF	54.0	695	28.6	3,800,000	97,000,000
*************DOCTORATE GRANTING						
003863	3,302,819 GSF	57.2	167	28.9	796,543	7,543,000
*************COMPREHENSIVE						
002354	792,808 GSF	40.4	18	30.0	235,000	5,500,000
009058	831,000 GSF	80.5	45	22.0	330,000	1,090,000
003868	841,000 GSF	70.0	24	25.0	40,000	100,000
003892	841,465 GSF	48.3	60	35.0	375,650	2,016,758
003144	1,200,000 GSF	95.0	62	30.0		
001641	1,418,639 GSF	73.2	146	15.0	337,400	1,000,000
*************LIBERAL ARTS						
001826	227,253 GSF	91.2	36	18.9	100,000	500,000
003041	340,452 GSF	46.3	15	19.0	0	0
001859	410,000 GSF	55.5	29	33.0		50,000
003142	450,000 GSF	35.0	24	19.4	250,000	4,000,000
002239	516,624 GSF	38.4	38	22.0	0	700,000
001850	706,670 GSF	50.8	52	18.0		282,700
003835	961,832 GSF	44.1	45	22.3	250,000	
002358	975,000 GSF	53.0	65	15.0		
002346	1,141,721 GSF	44.6	83	23.0	680,000	
002353	1,195,249 GSF	25.0	90	25.0	2,000,000	
001788	1,300,000 GSF	75.0	80	25.0	5,000,000	
003143	1,384,498 GSF	49.0	77	13.3	528,700	
001781	1,400,000 GSF	80.0		26.0	800,000	8,000,000

*************2-YR., JR. OR TECH.

APPA TABLE 2-B: PROFILES OF NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., Funding Source, and GSF

INST. ID	TYPE OF INSTITUTION	A/C SPACE %	FTE-PHYSICAL PLANT	BENEFITS %	DEF. MAINT. BUDGET $$	CRDM OUTSTANDING $$
MIDWEST						
002236	729,734 GSF	16.7	50	26.4	50,000	250,000
*************PROFESSIONAL/SPECIALIZED						
001753	266,400 GSF	100.0	44	33.0	400,000	1,500,000
PACIFIC						
*************RESEARCH						
001328	9,800,000 GSF	95.0	602	29.8	3,200,000	150,000,000
*************DOCTORATE GRANTING						
001169	3,237,585 GSF	64.0	83	42.0	3,682,000	
*************COMPREHENSIVE						
001117	448,796 GSF	88.7	28	27.7		
003788	814,722 GSF	16.7	60	25.0	196,850	2,138,650
011649	1,100,287 GSF	20.0	107	35.0		
003797	1,153,292 GSF	9.5	86	25.0	140,000	5,537,100
*************LIBERAL ARTS						
003198	555,965 GSF	10.0	40			
003217	652,221 GSF	1.0	46	28.0	500,000	9,000,000
001322	867,814 GSF	19.1	36	28.0		
001249	998,963 GSF	56.8	115	27.6	1,100,000	3,500,000
*************2-YR., JR. OR TECH.						
001341	400,000 GSF	2.0		26.0		
001173	1,150,000 GSF	53.0		16.0	291,500	7,686,915
001625	1,656,774 GSF	52.7	136	42.2	1,041,000	
*************PROFESSIONAL/SPECIALIZED						
001135	98,000 GSF	70.0	10	28.0	0	500,000
004882	2,531,000 GSF		205	39.2	360,000	

APPA TABLE 2-B: PROFILES OF NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., Funding Source, and GSF

INST. ID ROCKY MTN.	TYPE OF INSTITUTION	A/C SPACE %	FTE-PHYSICAL PLANT	BENEFITS %	DEF. MAINT. BUDGET $$	CRDM OUTSTANDING $$
ROCKY MTN.						
*************COMPREHENSIVE						
002531	592,464 GSF	0.4	30	20.0	0	6,200,000
*************LIBERAL ARTS						
001347	1,454,071 GSF	33.0	126	24.0	200,000	1,500,000
*************PROFESSIONAL/SPECIALIZED						
001070	325,000 GSF	92.0	42	31.0	341,000	155,600
SOUTHEASTERN						
*************RESEARCH						
003535	8,137,094 GSF	95.0	545	24.2	21,503,133	95,784,928
*************DOCTORATE GRANTING						
002978	2,017,692 GSF	85.0	173	18.3	1,225,000	2,500,000
*************COMPREHENSIVE						
001556	450,782 GSF	29.9	23	13.5	100,000	505,000
001479	635,805 GSF	97.1	63	24.5	524,797	2,084,051
002927	810,000 GSF	53.0	78	20.0	500,000	1,500,000
003744	1,914,599 GSF	70.0	170	24.0	930,000	200,000
*************LIBERAL ARTS						
002941	437,978 GSF	50.0				
002955	456,694 GSF	70.0	21	25.0	50,000	5,000,000
002960	480,056 GSF	25.7	20	25.0		
001487	519,434 GSF	95.0	57	25.0	175,000	2,100,000
002414	567,500 GSF	96.3	43	7.2	86,200	2,718,500
001964	577,025 GSF	85.0	41	16.4	500,000	6,000,000
003768	1,116,338 GSF	45.0	88	21.0		86,751
003434	1,230,996 GSF	59.2	95	30.0	444,000	235,500

*************2-YR., JR. OR TECH.

APPA TABLE 2-B: PROFILES OF NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., Funding Source, and GSF

INST. ID SOUTHEASTERN	TYPE OF INSTITUTION	A/C SPACE %	FTE-PHYSICAL PLANT	BENEFITS %	DEF. MAINT. BUDGET $$	CRDM OUTSTANDING $$
009629	123,611 GSF	98.5				
*************PROFESSIONAL/SPECIALIZED						
008419	264,374 GSF	100.0	19	21.0	0	264,275
001982	1,082,882 GSF	54.3	84	15.0	0	8,000,000

OTHER

*************DOCTORATE GRANTING						
200920	6,006,114 GSF	100.0				

COSTS PER GROSS SQUARE FOOT

Table 3-A
Public Institutions by Region 117
  Central 117
  Eastern 121
  Midwest 125
  Pacific Coast 131
  Rocky Mountain 135
  Southeastern 137
  Australasian/Other 143

Table 3-B
Non-Public Institutions by Region 144
  Central 144
  Eastern 145
  Midwest 150
  Pacific Coast 153
  Rocky Mountain 154
  Southeastern 155
  Other 157

APPA TABLE 3-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: CENTRAL

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
CENTRAL									
************RESEARCH									
001108	2,427,014	5,452,056	2,427,014	2,427,014	2,427,014	2,427,014	2,427,014	ENVIRON. C	WAREHOUSE
$	0.195	0.042	1.136	0.548	0.163	0.243	0.091	0.072	0.076
FTE	16.0	7.0	124.0	106.0	17.0	27.0	7.0	7.0	13.0
%	5.2	2.5	30.0	14.5	4.3	6.2	2.4	1.9	2.0
003184	3,370,915	3,370,915	3,235,865	2,999,528	3,370,915	3,370,915		ENERGY CON	HAULING SE
$	0.134	0.023	0.823	0.541	0.249	1.772		0.072	0.006
FTE	15.7	3.0	40.6	106.3	28.9	19.0		1.5	0.4
%	3.5	0.6	21.1	12.9	6.7	47.4		1.9	0.1
002565	5,418,987	5,418,987	5,418,987	5,418,987		5,418,987		BUILDING A	
$	0.050	0.100	0.370	0.710		0.220		0.050	
FTE	7.0	14.6	35.0	204.2		44.0		5.0	
%	3.6	6.7	24.5	47.3		14.5		3.4	
002516	9,149,556	9,149,556	5,211,793	4,775,503	5,256,192			UTILITY CO	
$	0.113	0.167	0.538	0.704	0.144			1.197	
FTE	33.6	44.7	71.8	174.0	28.5				
%									
003658	10,812,422	10,812,422	10,812,422	10,200,675	10,812,422	12,230,787		GENERAL SE	MULTI-MEDI
$	0.158	0.131	0.686	0.706	0.125	2.240		0.076	0.031
FTE	68.0	50.0	233.0	502.0	84.0	170.0		60.0	21.0
%	3.9	3.3	14.6	14.8	2.7	57.5		2.8	0.4
010366	13,960,800	13,960,800	8,909,105	7,893,946	8,909,105	13,960,800	8,909,105	PURCHASED	
$	0.097	0.027	0.667	0.614	0.231	0.568	0.056	1.628	
FTE	52.0	15.0	281.0	359.0	117.0	71.0	28.0	0.0	
%	3.0	0.9	13.0	10.6	4.5	17.3	1.1	49.7	
************DOCTORATE GRANTING									
003549									
$									
FTE	5.0		20.0	37.5	37.5				
%									
003463	995,375	1,304,490	1,304,490	995,375	6,969,600	1,304,490	1,304,490		
$	0.550	0.030	0.370	0.640	0.040	1.660	0.090		
FTE	18.0	1.0	25.0	37.0	16.0	5.0	3.0		
%	0.1	0.1	0.2	0.1	0.1	0.5	0.1		
010300	1,290,480	1,286,700	1,321,772	1,311,546	1,784,799	1,709,669		SECURITY	OTHER
$	0.123	0.004	0.411	0.468	0.132	0.054		0.331	0.033
FTE	4.7	0.4	18.6	49.0	9.2	5.7		7.2	2.3
%	0.1	0.1	0.2	0.3	0.1	0.1		0.3	0.1

APPA TABLE 3-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: CENTRAL

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
003471	2,291,936	2,291,936	2,291,936	1,365,938	2,291,936	2,291,936		CENTRAL MA	SAFETY & S
$	0.095	0.044	0.542	0.690	0.103	0.676		0.180	0.111
FTE	5.7	1.8	38.7	54.3	8.0	9.5		5.0	11.0
%	3.0	1.0	19.0	25.0	3.0	24.0		6.0	4.0
003606	2,599,710	2,599,710	2,599,710	1,657,699	2,599,710	2,599,710	2,599,710	GARBAGE CO	
$	0.058	0.033	0.428	0.551	0.156	0.092	0.029	0.032	
FTE	5.0	3.0	45.0	57.0	25.0	6.5	3.5	5.0	
%	5.0	2.8	36.3	29.8	13.2	7.8	2.5	2.7	
003656	2,821,685	2,821,685	2,821,685	2,821,685	2,821,685	2,878,057	2,821,685	EVENTS CEN	
$	0.078	0.030	0.855	0.512	0.192	0.186	0.070	1.084	
FTE	8.0	3.0	59.0	96.0	32.0	17.0	5.0	4.0	
%	3.9	1.5	43.8	26.2	9.8	9.7	3.5	1.5	
009265	2,965,796	2,965,796	992,162	2,377,902	2,965,796	2,865,980			
$	0.078	0.021	0.951	0.727	0.105	1.127			
FTE	22.0	1.0	26.0	90.8	6.0	12.0			
%	3.0	1.0	12.3	22.6	4.1	42.2			
003644	3,917,746	3,917,746	3,917,746	3,917,746	1,305,915	3,917,746	3,917,746	ENV. HEALT	POLICE SER
$	0.130	0.040	0.610	0.530	0.660	2.080	0.040	0.040	0.180
FTE	24.5	11.0	154.0	151.0	67.0	32.0	9.0	11.0	53.0
%	0.1	0.1	0.2	0.1	0.1	0.6	0.1	0.1	0.1
003652	4,292,753	5,867,462	4,292,753	4,292,753	5,867,462	5,867,462	4,292,753	CENTRAL RE	CONSTRUCTI
$	0.101	0.067	0.637	0.510	0.139	0.226	0.045	0.043	0.087
FTE	12.0	12.0	105.0	157.0	41.0	37.0	7.0	15.0	26.0
%	2.4	2.1	15.0	12.0	4.5	7.3	1.1	1.4	2.8
003005	4,688,590	4,688,590	4,688,590	4,688,590	4,688,590	4,688,590	4,688,590		
$	0.137	0.027	0.634	0.622	0.072	0.683	0.091		
FTE									
%	6.0	1.3	28.0	27.5	3.3	30.0	4.0		
001928	6,126,130		3,458,318	3,217,841	4,078,431	6,126,130	6,126,130	SPORTS COM	VET MED CO
$	0.151		0.915	0.641	0.212	0.100	0.004	1.013	1.825
FTE	44.8		128.1	114.2	48.6	26.7	3.7	17.2	36.5
%	10.1		34.5	22.5	9.4	6.7	0.3	3.3	9.6

************COMPREHENSIVE

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
001085									
$	0.480	0.480	0.480	0.480	0.480	0.480	0.480		
FTE	16.0	16.0	16.0	16.0	16.0	16.0	16.0		
%									
003639	154,172	79,522	523,779	475,986	234,944	1,821,859	68,326	SAFETY	
$	0.090	0.050	0.310	0.280	0.140	1.070	0.040	0.020	
FTE	7.0	2.5	326.0	42.5	20.0	6.0	2.0	2.5	
%	4.6	2.3	15.5	14.1	6.9	53.8	2.0	0.8	

APPA TABLE 3-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: CENTRAL

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
003459	638,629	638,629	638,629	638,629	638,629	638,629	638,629	SECURITY/P	
$									
FTE	2.8		6.0	16.0	3.0		0.5	2.5	
%	11.5		27.4	29.3	13.2	3.1	5.0	10.4	
003466	742,334				742,334	742,334			
$									
FTE									
%									
010115	1,202,723	1,202,723	1,202,723	1,202,723	1,202,723	1,202,723			
$	0.010	0.010	0.660	0.590	0.330	0.460		0.200	
FTE	4.0	4.0	47.0	63.0	17.0	17.0	2.0	11.0	
%	1.0	1.0	30.0	27.0	15.0	21.0		5.0	
003161	1,388,376	1,388,376	1,388,376	1,388,376	1,388,376	997,553	1,388,376		
$	0.209		0.667	0.850	0.223	0.119	0.073		
FTE	8.0	3.0	35.0	53.0	15.0	5.0	2.0		
%	6.0	1.0	49.0	32.0	9.0	3.0	3.0		
001926	1,495,056		1,495,056	1,070,198	1,495,056	1,080,395	1,495,056	GENERAL SE	
$	0.147		0.766	0.735	0.161	0.212	0.030	0.109	
FTE	8.0		37.2	41.4	12.6	8.0	1.5	5.6	
%	7.8		40.5	27.8	8.5	8.1	1.6	5.7	
001927	1,558,718	1,558,718	995,494		995,494	1,439,065	995,494		
$	0.133	0.051	0.782		0.304	0.222	0.078		
FTE	6.0	3.0	27.0		14.0	10.0	2.0		
%	4.3	18.1	44.1		17.2	4.5	11.8		
001950	1,698,778	1,698,778	1,698,778	1,698,778	1,935,355	1,801,114	1,935,355	CAMPUS SER	WAREHOUSE
$	0.150	0.100	1.196	0.840	0.300	2.110	0.080	0.040	0.360
FTE	7.0	5.0	5.0	74.0	24.0	8.0	4.0	4.0	4.0
%	2.5	1.8	19.0	14.2	5.8	36.6	1.6	0.8	6.1
002501	2,006,303		2,006,303	2,006,303	2,006,303	2,006,303	2,006,303	STORES	
$	0.133		0.932	0.750	0.223	1.307	0.054	0.037	
FTE	12.5		42.5	92.0	12.5	14.0	2.0	5.0	
%	0.1		0.3	0.2	0.1	0.4	0.1	0.1	
002554	2,025,412	1,945,364	1,825,874	1,372,877	1,945,364	1,945,364			
$	0.142	0.090	0.558	1.223	0.200	0.348			
FTE	6.8	3.4	14.1	90.7	16.2	21.5			
%	6.3	3.8	28.4	36.9	9.7	14.9			
003665	2,156,262		2,000,000	2,000,000	2,000,000	2,000,000			
$	0.050		0.230	0.490	0.090	0.080			
FTE	6.0		21.0	60.0	16.0	7.0	2.0		
%	3.3		13.7	29.1	5.5	47.4	0.9		
003624	2,867,058		2,867,058	1,429,701	2,867,058	2,867,058	2,867,058	SPECIAL SE	
$	0.090		0.560	0.600	0.180	0.170	0.040	0.040	
FTE	7.0		46.0	60.0	22.0	7.0	5.0	6.0	
%	6.5		35.6	27.0	13.1	13.0	2.7	2.1	

APPA TABLE 3-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: CENTRAL

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
002200	3,093,424	3,093,424	3,093,424	2,064,079	3,093,424	3,093,424	3,093,424	WAREHOUSE	
$	0.411		0.475	0.870	0.195	0.080	0.041	0.049	
FTE	10.0		39.0	106.0	22.0	9.0	7.5	4.5	
%	0.2		0.3	0.3	0.1	0.1	0.1	0.1	
************LIBERAL ARTS									
003594	3,882,293	3,882,293	3,882,293	2,272,569	3,882,293	3,882,293	3,882,293	GARBAGE &	TELECOMMUN
$	0.170	0.080	0.450	0.590	0.120	0.270	0.060	0.050	0.010
FTE	31.0	7.0	68.0	95.0	28.0	5.0	6.0	5.0	10.0
%	11.4	5.7	30.2	24.4	8.1	10.7	3.9	2.1	3.5
************2-YR., JR. OR TECH.									
008244									
$			1.520		0.540	1.930	0.190		
FTE			12.8		7.0		1.5		
%									
003539	343,343	343,343	343,343	343,343	343,343	343,343			
$	0.189	0.021	1.031	0.854	0.466	1.506			
FTE	2.0	0.5	8.0	16.0	7.0				
%									
007857	359,000		359,000	359,000	359,000	359,000		SECURITY	
$	0.260		0.680	0.610	0.210			0.110	
FTE	1.5		4.0	12.0	4.0			5.0	
%	13.6		36.3	32.2	11.1			5.9	
002470	535,000		535,000	535,000	535,000	535,000		WAREHOUSE	
$	0.220		0.660	0.960	0.500	1.960		0.160	
FTE	3.8		10.0	25.0	4.9	8.0	1.0	3.0	
%	5.1		15.3	22.2	5.9	45.3	2.5	3.7	
010387	690,531		690,531	690,531	690,531	690,531			
$	0.143		0.661	0.718	0.429	0.086			
FTE	2.0		16.9	32.0	14.0	3.0	2.0		
%									
************PROFESSIONAL/SPECIALIZED									
005889	1,377,299		1,377,299		1,377,299	4,185,943		TELECOMMUN	
$	0.226		1.075		0.179	0.809		0.773	
FTE	8.0		43.0		12.0	20.0		15.2	
%	3.6		17.1		2.8	39.1		37.4	
003659	1,707,772	1,707,772	1,707,772	1,707,772	1,707,772	1,707,772	1,707,772	INDUSTRIAL	
$	0.398	0.093	0.751	1.224	0.166	0.487	0.041	0.217	
FTE	22.0	8.0	49.0	147.0	15.0	29.0	3.0	9.2	
%	11.8	2.7	22.2	36.3	4.9	14.4	1.2	6.4	

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REGION: CENTRAL

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
011618	2,080,211	2,080,211	2,080,211	2,080,211	2,080,211	2,080,211			
$	0.160	0.050	0.670	0.380	0.030	0.570			
FTE	4.9	1.0	28.0	1.3	1.0	30.8			
%	8.5	2.5	36.2	20.4	1.8	30.6			
006895	2,212,738	2,212,738	2,212,738		2,212,738	2,212,738			
$	0.085	0.032	0.675		0.098	0.382			
FTE	10.0	13.0	46.0		8.0	20.0			
%	2.9	1.1	25.2		3.4	13.3			
004605	2,399,814		2,399,814	2,359,376		2,763,498	2,763,498		
$	0.700		1.950	1.830		0.038	0.024		
FTE	8.0		192.0	265.0		2.0	2.0		
%	15.4		42.8	40.1		0.7	1.0		

EASTERN

*************RESEARCH

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
003696	3,392,004		3,392,004	1,890,001	3,361,470	2,669,137		SOLID WAST	AUTOMOTIVE
$	0.598		0.791	0.951	0.267	0.153		0.053	0.012
FTE	33.0		72.0	109.0	21.0	17.0		2.0	3.0
%	25.3		33.5	22.4	11.2	5.1		1.9	0.5
002588	4,026,280	4,026,280	2,411,027	2,055,237	2,411,027	4,026,280		REFUSE DIS	
$	0.270	0.070	0.460	0.820	0.240	0.170			
FTE	15.5	11.0	46.0	80.0	21.0	78.0		0.0	
%	12.9	3.3	22.0	41.6	11.4	8.1		2.8	
200098	4,641,460	4,641,460	3,265,062	3,265,062	4,641,460	4,641,460	4,641,460	POSTAL SER	STORES
$	0.301	0.232	1.353	1.727	0.273	0.417	0.122	0.100	0.074
FTE	25.5	34.4	73.4	169.5	35.6	24.0	15.8	15.5	11.7
%	6.4	5.1	18.4	25.5	5.9	9.4	2.7	2.2	1.6
200016	4,704,222	4,704,222	4,704,222	3,042,991	4,704,222	4,704,222	4,704,222		
$	0.250	0.170	0.930	1.630	0.260	0.210	0.050		
FTE	22.0	18.0	112.0	175.0	36.0	19.0	4.0		
%	8.6	5.8	31.4	35.7	9.3	7.3	1.9		
200078	4,940,182	4,940,182	4,940,182	4,737,293	4,940,182	4,611,783	4,940,182	ENVMNT HEA	SECURITY S
$	0.075	0.220	1.094	1.452	0.322	0.188	0.012	0.159	0.274
FTE	9.3	24.0	121.7	203.7	36.2	14.0	5.2	15.5	32.1
%	3.0	5.8	29.1	37.0	8.6	4.7	0.3	4.2	7.3
200039	5,220,183	5,989,742	5,220,183	5,220,183	5,989,742	5,989,742	5,989,742		
$	0.091	0.123	0.852	0.894	0.142	1.247	0.112		
FTE	28.0	10.0	97.0	35.0	12.0	17.0	9.0		
%	2.6	3.7	23.3	23.6	4.6	38.7	3.4		
029013	5,859,000	5,859,000	5,859,000	3,191,000	5,859,000	5,500,000			
$	0.108	0.165	0.982	0.842	0.270	0.183			
FTE	17.0	28.0	150.0	125.0	40.0	46.0			
%									

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REGION: EASTERN

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
009554	7,644,192	7,644,192	7,644,192	7,644,192	7,644,192	7,644,192	7,644,192	REFUSE/MOV	
$	0.133	0.109	0.968	1.027	0.176	0.172	0.091	0.066	
FTE	26.0	20.0	217.8	370.5	44.5	43.0	18.7	24.3	
%	3.0	2.5	21.7	23.0	4.0	3.8	52.0	1.5	
006964	8,412,348	8,412,348	8,412,348	7,315,996	8,412,348	8,412,348		GENERAL SE	MAJOR RENO
$	0.315	0.146	1.325	1.252	0.443	2.307		0.214	0.240
FTE	51.0	22.0	231.0	429.0	108.3	43.2		15.0	
%	5.0	2.4	21.1	20.0	7.1	36.9		3.7	3.8
002103	9,517,642		9,517,642	5,800,000	9,517,642			MAINT. MIS	
$	0.244		1.018	1.116	0.051	1.723		1.116	
FTE	51.5		369.0	294.0	81.0			46.0	
%	10.0		45.0	29.0	9.0			7.0	
002711	11,200,000	11,200,000	11,200,000	6,500,000	11,200,000	11,200,000		FUEL / UTI	
$	0.670	0.220	1.350	0.890	0.200	1.600		1.650	
FTE	22.0	49.0	236.0	281.0	44.0	40.0		0.0	
%	11.0	3.0	22.0	8.0	3.0	26.0		27.0	
006965	12,479,328	12,479,328	8,203,218	7,640,847	12,479,328	12,479,328			
$	0.150	0.200	0.750	0.780	13.000	0.360			
FTE	65.0	65.0	373.0	277.0	49.0	53.0			
%	5.9	7.8	31.0	17.4	5.0	13.7			

************DOCTORATE GRANTING

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
003325	1,600,000		1,600,000	1,600,000	1,600,000	1,600,000	1,600,000	REPAIRS &	
$	3.000		0.082	0.530	0.230	0.900		0.440	
FTE	12.0		24.0	86.0	10.0	15.0	3.0		
%	11.6		3.2	2.1	0.9	3.5		1.7	
008810	2,709,064	2,709,064	2,709,064	2,500,000	2,709,064		3,709,064	COGENERATI	
$									
FTE	11.0	2.0	25.0	184.0	13.3	14.0	5.3	22.0	
%									
200091	4,940,000	4,940,000	3,467,000	3,467,000	3,467,000	3,467,000			
$	0.339	0.131	0.856	1.295	0.153	0.230			
FTE	42.0	16.0	55.1	121.5	14.4	18.0			
%	12.0	4.9	27.5	41.4	6.4	7.8			
002221	6,440,995	6,440,995	6,440,995	5,706,022	6,440,995	6,440,995			
$	8.050	3.790	1.650	1.630	2.150	1.190			
FTE	51.0	36.0	250.0	213.0	103.0	24.0			
%	1.3	0.6	14.9	12.9	11.9	58.4			

************COMPREHENSIVE

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
003315									
$									
FTE									
%									

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REGION: EASTERN

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.		ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
200045		6,640	926	19,500	6,000	2,910	82,500			
	$	0.361	0.035	2.210	1.206	0.231	0.374	0.022		
	FTE	22.0	3.0	43.0	119.0	16.0	37.0	1.0		
	%									
003324		1,201,194		1,201,194	504,018	1,201,194	1,201,194			
	$	0.147		0.631	1.930	0.030	1.500			
	FTE	3.5		20.0	31.0	12.0	10.0	1.0		
	%	5.1		20.0	19.2	6.4	47.7	1.6		
003328		2,087,980	2,087,980	1,277,512	1,277,512	2,087,980	1,277,512	2,087,980	ENV. HEALT	
	$	0.192	0.097	1.268	1.471	0.368	2.196	0.081	0.048	
	FTE	4.0	5.0	54.0	85.5	20.0	13.0	3.0	2.0	
	%	5.0	2.6	20.4	23.7	9.7	35.3	2.1	1.2	
002099		2,649,999	2,649,999	2,649,999	2,649,999	2,649,999	2,649,999	2,649,999		
	$									
	FTE									
	%	0.3	0.1	1.1	0.9	0.3	0.2	0.3		
************LIBERAL ARTS										
003683		452,598	452,598	452,598	452,598	452,598	452,598	452,598		
	$									
	FTE	2.5	0.5	7.0	13.0	3.0	1.0	1.0		
	%									
200690		1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000			
	$									
	FTE									
	%									
************2-YR., JR. OR TECH.										
009994									TOTAL	
	$								0.990	
	FTE								6.0	
	%								2.1	
200100									SECURITY	
	$									
	FTE									
	%	1.4		1.5	3.4	0.5	2.3		0.3	
007912				235,394	235,394	235,394	235,394			
	$									
	FTE			1.0	2.8	2.0	3.0			
	%									
006782		280,872		280,872	280,872	280,872	2,000	1,000	SECURITY	
	$	0.120		0.690	0.690	0.220	1.690	0.110	0.480	
	FTE	1.0		6.0	10.0	2.0		1.0	7.5	
	%	0.1		0.1	0.1	0.1	0.3	0.1	0.1	

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REGION: EASTERN

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
007053	300,000	300,000	298,600	241,600	300,000	300,000	300,000		
$	0.420	0.130	1.000	0.800	0.350	0.190	0.170		
FTE	3.0		6.0	9.0	3.0		1.0		
%									
100002	302,000		297,920	297,920	297,920	297,920	229,510	SECURITY	
$	0.449		1.144	1.592	0.666	1.744	0.087	1.478	
FTE	4.0			18.0	3.5	1.0	1.0	19.3	
%	6.4		16.0	22.3	9.3	24.4	0.9	20.8	
006788	310,000		310,000	310,000	310,000	310,000		SECURITY	SERVICES
$	0.250		0.350	0.670	0.290	1.790		0.390	0.100
FTE	2.0		3.0	12.5	3.0			6.0	2.0
%	6.0		9.0	11.0	8.0	47.0		10.0	3.0
007731	382,789		382,789	371,839	382,789	382,789			
$	0.280		0.650	0.921	0.320	0.260			
FTE	3.0		4.0	9.8	4.2	2.0			
%	0.1		0.2	0.2	0.1	0.1			
002176	409,350		409,350	409,350	409,350	409,350	409,350	STOREKEEPE	MAIL
$	0.240		0.930	1.040	0.240	0.020	0.020	0.070	0.070
FTE	3.0		10.5	17.0	3.3	0.1	0.3	1.0	1.0
%	10.8		34.4	38.4	9.0	0.8	1.0	2.8	2.8
002058	437,180	437,180	437,180	437,180	437,180	437,180	437,180	REPAIR/CON	SAFETY
$				10.406					
FTE	1.0	2.0	12.0	31.0	7.0	5.0	1.0	3.0	1.0
%									
002871	486,180		486,180	486,180	486,180	486,180	10,000	RECEIVING	COURIER
$									
FTE	10.0		9.0	41.0	8.0	3.0	1.0	1.0	1.0
%									
200099	496,117	496,117	496,117	496,117	496,117	496,117	496,117	SECURITY	SHIPPING/R
$	0.665	0.349	1.355	0.965	0.399	1.617	0.034	0.322	0.091
FTE	3.5	2.2	13.8	21.5	3.5	1.5		8.3	1.5
%		5.0							
002063	541,412	541,412	541,412	541,412	541,412	541,412		GENERAL SE	
$	0.188		0.889	1.243	0.381	1.718		0.480	
FTE	12.7		59.9	89.8	25.7	115.8		32.1	
%	3.5		16.3	22.8	7.0	31.5		8.7	
002089	584,683		584,683	584,683	584,683	584,683	584,683	PURCHASED	
$	0.173		1.012	1.542	0.372	0.137	0.141	1.379	
FTE	14.5		11.0	55.5	8.5	3.5	2.0		
%	3.6		21.3	32.4	7.8	2.9	3.0	29.0	
200714	630,000	630,000	630,000	540,000	630,000	630,000		SECURITY	TELEPHONE
$	0.333	0.055	0.635	1.222	0.050	0.095		0.396	0.111
FTE	6.5	1.0	7.0	26.0	1.0	1.5		8.0	1.3
%	11.8	2.0	22.6	37.4	4.5	3.4		14.2	4.1

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BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
200002	750,000		750,000	750,000	750,000	750,000			
$	0.400		1.740	1.040	0.100	0.722			
FTE	6.0			30.0	3.0				
%	10.0		43.5	26.0	2.5	18.0			
200067	942,000	942,000	942,000	942,000	942,000	942,000		SECURITY	
$	0.210	0.150	1.190	1.390	0.340	1.510		0.710	
FTE	3.0	3.0	3.0		6.0	4.0		4.0	
%	3.8	2.8	21.7	25.3	6.2	27.5		12.9	
************PROFESSIONAL/SPECIALIZED									
002893	664,700	664,700	664,700	664,700	664,700	664,700		COMMUNITY	CADET BARR
$									
FTE	120.0	80.0	145.0	55.0	85.0	125.0			
%									
029013	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000		STOREROOM	
$	0.280	0.410	2.320	2.110	0.190	3.780		0.040	
FTE	8.5	13.0	78.0	110.5	6.0			2.0	
%	3.0	4.4	25.5	23.1	2.1	41.4		0.5	
002104	2,707,549	2,707,549	2,707,549	2,707,549				PURCHASED	PUBLIC SAF
$	0.602	0.542	1.995	1.557				2.152	1.340
FTE	37.2	28.0	117.0	164.3					101.0
%	7.3	6.6	24.4	19.0				26.3	16.4
************OTHER									
200001									
$	0.350		0.650	1.720		1.270			
FTE									
%									
MIDWEST									
************RESEARCH									
003895	1,138,999	186,225	6,192,229	9,768,623	1,676,416	290,500	868,446	PARKING &	SAFETY DEP
$	0.071	0.012	0.386	0.610	0.104	0.018	0.054	0.300	0.067
FTE	39.0	4.0	242.0	520.0	48.0		21.0	21.0	38.0
%	4.0	0.7	21.9	34.5	5.9	1.0	3.1	16.9	3.8
003125	5,000,000		5,000,000	5,000,000	5,300,000	7,300,000	5,300,000		
$	0.580		0.650	0.640	0.470	2.640	0.470		
FTE	35.0		117.0	270.0	53.0	40.0	6.0		
%	12.3		13.6	13.5	9.9	50.7			
001892	5,635,464	5,635,464	5,635,464	5,635,464	5,635,464	11,851,656	11,851,656		
$	0.093	0.108	0.955	0.940	0.101	0.959	0.140		
FTE	8.0	13.7	65.7	222.2	30.5	136.7	12.4		
%	2.6		15.8	18.5	2.2				

APPA TABLE 3-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: MIDWEST

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.		ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
001776		6,510,100	6,510,100	6,510,100	5,281,600	6,510,100	6,510,100	6,510,100		
	$	0.415		0.898	0.993	0.151	0.891	0.236		
	FTE	35.7		105.2	211.3	18.3	90.4	39.3		
	%	11.6		25.0	27.7	4.2	24.9	6.6		
002329		8,249,995	8,249,995	8,249,995	8,249,995	8,249,995	8,249,995		CLASSROOM	DEFERRED M
	$	0.138	0.072	0.824	0.595	0.144	2.382		0.039	0.325
	FTE	24.0	12.0	106.0	165.0	28.0	0.0			
	%	3.0	1.6	17.6	12.7	3.1	50.9		0.8	7.0
006883		10,322,279		10,322,279	9,201,026	14,861,702	17,465,310			
	$	0.178		0.884	0.707	0.215	0.137			
	FTE	44.0		290.0	247.5	90.0	56.0			
	%	8.0		39.6	28.2	13.9	10.4			
001775		10,554,000	10,554,000	10,554,000	10,554,000	10,554,000	14,920,000	10,554,000		
	$	0.090	0.040	1.030	0.760	0.170	0.280	0.130		
	FTE	53.6	13.6	202.2	321.3	31.8	72.3	25.2		
	%	3.5	1.5	39.5	28.9	6.6	15.1	4.9		
001869		10,574,136	10,574,136	6,871,014	5,530,194	9,230,055	11,002,704			
	$	0.085	0.056	0.321	0.589	0.095	0.623			
	FTE	21.4	14.4	97.0	150.2	47.3	88.6		101.0	
	%									
009092		10,607,418		10,607,418	10,359,218	10,607,418	22,362,166	50,940	REFUSE SER	LAND. ARCH
	$			1.218	1.039	0.202	0.773		0.066	
	FTE	26.2		227.0	406.4	59.1	62.0	65.0	4.5	1.0
	%			48.1	38.7	8.7			2.8	0.3
008002		12,640,553	12,640,553	7,217,867	6,801,690	12,640,553	12,640,553		INSURANCE	
	$	0.130	0.048	0.649	0.914	0.167	1.219		0.061	
	FTE	42.0	32.0	228.0	321.0	70.0	50.0			
	%	5.3	2.0	15.3	20.3	4.4	50.2		2.5	
001825		13,469,479	13,469,479	6,758,045	4,500,000	6,758,045	11,848,364		ENVIRONMEN	SAFETY & S
	$	0.100	0.200	2.010	1.460	0.340	0.430		0.090	0.310
	FTE	26.8	60.5	337.0	290.0	58.0	9.7		22.0	47.0
	%	3.7	7.7	38.2	18.5	6.5	14.3		3.3	11.7
************DOCTORATE GRANTING										
007104									PURCHASED	OTHER EXPE
	$	0.261	0.182	0.861	0.913	0.441	0.270	0.118	1.119	0.109
	FTE	5.0	12.0	102.8	125.3	44.5	24.5	1.5		
	%	6.1	4.3	20.2	21.5	9.8	6.4	2.8	26.3	2.6
001786		4,704	3,821	20,157	19,750	12,900	21,850	8,000		
	$									
	FTE	27.0	7.0	106.0	144.0	38.0	17.0	5.0		
	%									

APPA TABLE 3-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: MIDWEST

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
003032	2,884,336	2,884,336	2,884,336	2,884,336	2,884,336	2,884,336			
$	0.232	0.053	1.094	1.038	0.165	1.620			
FTE	11.3	4.0	81.1	104.4	13.7	4.4			
%	5.5	1.3	26.0	24.7	4.0	38.5			
001758	3,575,556	6,114,203	3,575,556	3,575,556	3,575,556	3,575,556	3,575,556		
$	0.079	0.068	0.739	0.970	0.337	0.373	0.074		
FTE	9.6	17.1	84.0	214.0	58.5	20.8	0.0		
%	1.8	2.7	17.3	22.7	7.9	8.7	1.7		
003896	4,671,500	4,671,500	3,501,200	3,501,200	4,671,500	4,671,500	4,671,500	MAIL SERVI	PARKING &
$	0.110	0.030	0.350	0.850	0.070	1.090	0.010	0.050	0.070
FTE	14.1	4.0	51.8	159.5	13.0	18.0	2.4	14.0	7.5
%	4.5	1.2	10.8	25.9	2.8	44.4	0.2	4.7	2.8
003123	4,990,628	4,990,628	4,990,628	4,990,628	4,990,628	4,990,628		MAIL SERVI	ELECTRONIC
$	0.108	0.083	0.307	0.509	0.086	0.216		0.035	0.080
FTE	13.0	10.0	52.0	88.0	14.0	23.0		5.0	14.0
%	7.6	5.8	21.6	35.8	6.0	15.2		2.4	5.6
001692	5,300,000		2,500,000	5,300,000		5,300,000	5,300,000	CONSTRUCTI	
$	0.118		1.248	0.937		1.093	0.034	0.413	
FTE	10.0		42.0	225.0		42.0	4.0	4.0	
%	3.7		18.5	29.2		34.4	1.1	13.0	
001737	5,406,862	5,449,087	5,449,087	5,077,178	5,406,862	5,406,862			
$	0.084	0.048	0.629	0.931	0.173	0.276			
FTE	13.5	6.0	63.0	220.3	29.8	37.0			
%									
002330	6,306,389	6,306,389	6,306,389	3,703,015	6,306,389	6,306,389	6,306,389	APPRENTICE	
$	0.059	0.063	0.790	0.780	0.330	0.075	0.100	0.032	
FTE	11.0	7.0	96.0	119.0	54.2	3.0	8.0	8.0	
%	3.2	2.6	40.3	32.8	9.2	4.2	5.6	2.1	
************COMPREHENSIVE									
001780									
$									
FTE									
%									
001808	583,821	583,821	583,821	491,740	583,821	583,821	583,821	INSURANCE	
$	0.195	0.178	1.390	0.820	0.255	1.371	0.114	0.414	
FTE	4.0	3.5	17.8	22.8	7.0				
%	4.2	3.9	30.2	15.0	5.5	29.7	2.5	9.0	
009333	652,421	652,421	652,421	571,445	646,421	571,238			
$	0.461	0.012	1.060	1.015	0.499	1.202			
FTE	3.7	1.0	11.0	26.5	8.7		0.3		
%									

APPA TABLE 3-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
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REGION: MIDWEST

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
001827	676,000		676,000	676,000	676,000	676,000	676,000	POLICE & S	PARKING
$	0.280		0.690	1.140	0.260	0.140	0.040	0.210	0.320
FTE	5.5		13.0	43.0	6.0	1.0	1.0	6.0	5.0
%	7.6		23.5	38.4	6.5	4.8	1.1	7.2	10.9
002292	1,100,000	2,500,000	1,350,000	1,050,000	2,500,000	2,500,000			
$	0.164	0.069	0.582	0.565	0.101	0.122			
FTE	4.2	2.0	17.1	26.5	8.8	7.2			
%	7.9	7.6	34.3	25.8	11.1	13.3			
003919	1,151,823	1,151,823	1,151,823	1,128,698	1,151,823	1,919,027	1,151,823		
$	0.187	0.049	0.376	0.841	0.207	0.112	0.018		
FTE	5.0	2.0	27.0	54.0	9.0	8.0	1.0		
%	10.1	2.7	20.3	44.6	11.2	10.1	1.0		
003915	1,500,000	1,500,000	1,500,000	1,500,000	2,100,996	2,100,996			
$	0.260		0.580	1.000	0.200	0.190			
FTE	9.0		29.0	52.0	6.0	8.0			
%	11.0		24.0	42.0	12.0	11.0			
003924	2,180,180	2,180,180	2,180,180	1,251,034	2,180,180	2,180,180	2,180,180		
$	0.103	0.047	0.213	0.727	0.072	0.146	0.015		
FTE	6.0	2.5	26.0	46.8	10.0	12.5	2.0		
%	10.2	4.7	21.2	41.5	7.2	14.6	1.5		
001674	2,571,770	2,571,770	2,571,770	1,321,770	2,571,770	2,571,770	2,571,770	RENOVATION	UTILITIES
$	0.160	0.040	1.310	1.230	0.200	0.250	0.100	1.830	1.570
FTE	9.0	2.0	53.8	58.0	14.0	16.3	3.0	31.5	
%	2.9	0.7	24.2	11.7	3.7	4.7	1.9	21.1	29.0
009563	2,574,040	2,574,040	2,574,040	2,502,756	13,068,000	4,554,064			
$	0.064	0.110	0.390	0.582	0.021	0.645			
FTE	10.0	9.0	51.0	121.0	24.0	14.0			
%			9.8	13.0	2.7	18.4	2.5		
002388	2,611,880	2,611,880	1,723,387	1,723,387	2,611,880	2,611,880	1,723,387	MAILROOM/D	RECYCLING
$	0.209	0.084	0.798	0.988	0.189	0.254	0.049	0.160	0.025
FTE	10.0	6.5	27.1	64.5	17.9	15.5	2.7	14.8	1.0
%									
001890	3,521,746	3,521,746	3,521,746	2,416,706	3,521,746	3,521,746	3,521,746	MAIL CENTE	
$	0.119	0.104	0.630	0.645	0.207	0.462	0.113	0.044	
FTE	10.2	8.6	64.8	73.4	27.1	36.1	16.7	7.3	
%	4.8	3.6	22.0	15.5	7.2	16.2	4.0	1.6	
002243	4,121,340	4,121,340	4,121,340	4,121,340	4,121,340	4,121,340		OTHER SERV	
$	0.165	0.099	0.421	0.737	0.129	1.715		0.044	
FTE	12.0	10.0	56.5	127.5	17.0	23.5		10.0	
%	5.0	3.0	12.7	22.3	3.9	51.8		1.3	

************LIBERAL ARTS

APPA TABLE 3-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: MIDWEST

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
003109	1,285,539		1,285,539	1,285,539	4,138,200	1,285,539	1,285,539	PURCHASED	PROPERTY I
$	0.117		0.978	0.758	0.055	0.171	0.111	0.793	0.171
FTE	4.1		18.0	31.0	4.3	4.8	0.8		
%	3.7		25.5	20.3	4.2	4.0	3.5	33.1	5.5

************2-YR., JR. OR TECH.

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
010784									
$	0.020	0.080	0.850	1.450	0.220	0.950	0.120		
FTE									
%									
006867									
$									
FTE	2.0		10.0	8.0	3.0	3.0			
%									
002295	137,000		137,000	137,000					
$	0.360		0.626	1.564					
FTE	1.0		2.0	6.0					
%	10.0		30.0	60.0					
008740	171,500	171,500	171,500	171,500	171,500			OTHER	
$	0.090	0.090	0.390	0.910	0.010				
FTE	0.5	0.5	1.0	8.0					
%	9.0	9.0	11.6	29.1	1.1		5.9	4.8	
007598	284,000		284,000	284,000	284,000				
$	0.331		0.479	0.563	0.232				
FTE	2.0		4.0	11.0	7.0				
%	20.6		29.8	35.0	14.4				
002237	286,738		252,535	250,801	289,266	252,247	286,738		
$	0.180		4.070	0.700	0.110	0.630	0.070		
FTE	1.0		2.1	5.9	0.3	0.1			
%	3.3		67.7	11.6	2.1	10.3	1.3		
001705	310,294		310,294	310,294	310,294	310,294	310,294	SEWAGE TRE	
$	0.292		0.681	0.938	0.262	1.366	0.054	0.022	
FTE	2.0		5.0	10.5	3.0			0.0	
%	8.1		18.8	25.9	7.2	37.8	1.5	0.7	
002297	312,842		312,842	312,842	312,842				
$	0.250		0.520	1.680	0.170				
FTE	3.0		3.0	17.0	2.0				
%	9.0		18.0	58.0	6.0				
007170	319,925		319,925	319,925	319,925	319,925	319,925		
$	0.320		1.008	0.958	0.647		0.140		
FTE	3.5		7.0	19.0	5.5				
%									

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REGION: MIDWEST

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
008318	343,840		343,840	343,840	343,840	343,840		DEPT. PUBL	
$	0.364		1.360	0.801	0.362	1.664		0.457	
FTE	1.0		13.4	14.5	4.5			6.8	
%	7.3		27.1	16.0	7.2	33.3		9.1	
009896	346,140		346,140	346,140	346,140				
$	0.360		1.220	2.170	0.410				
FTE	2.3		8.4	26.4	4.0				
%	0.1		0.3	0.5	0.1				
004595	387,660		387,660	387,660	387,660	387,660	387,660	SECURITY	
$	0.118		0.820	0.978	0.256			0.157	
FTE	2.0		9.0	18.0	1.0				
%	3.6		24.8	29.5	7.7			4.8	
001769	496,000	496,000	496,000	496,000	496,000	496,000		PROTECTION	REPAIR & R
$	0.130	0.510	0.510	0.790	0.260	1.560		1.510	0.220
FTE	2.0	7.0	5.0	27.0	2.0	9.0		5.0	
%	0.0	0.1	0.1	0.2	0.1	0.4		0.4	0.1
002274	496,000	496,000	496,000	496,000	496,000			RECEIVING/	ELECTRONIC
$	0.220	0.070	0.700	0.870	0.260			0.660	0.180
FTE	3.0		7.0	18.0	4.0			4.0	1.0
%	6.6	2.2	21.4	26.6	7.9			20.2	5.5
003961	733,990		733,990	733,990	733,990	733,990		PUBLIC SAF	SHIPPING &
$	0.215		0.746	1.787	0.691	2.556		0.496	0.103
FTE	4.0		15.0	50.0	18.0	14.5		21.0	3.0
%	3.2		11.3	27.1	10.5	38.8		7.5	1.6
006656	1,139,965		1,000,000	1,000,000	1,139,965		1,139,965	WAREHOUSE	PLANT OPER
$	0.560		0.413	1.309	0.319		0.152	0.102	0.727
FTE	8.0		22.0	56.0	8.0		2.0	6.0	17.0
%	9.2		6.7	18.7	5.2		2.5	1.7	11.8
003119	1,488,943	1,488,943	1,488,943	1,007,297	1,488,943				
$	0.127	0.051	0.816	0.819	0.141				
FTE	3.3	1.5	27.2		5.9				
%	57.5	3.0	48.3	32.8	8.3				
008797	1,740,576	1,740,576	1,740,576	1,740,576	1,740,576	1,740,576	1,740,576		
$	0.282	0.129	1.262	1.189	0.445	0.271	0.060		
FTE	7.8	2.0	32.1	19.8	16.2	1.0	0.2		
%	7.8	3.5	34.7	32.7	12.2	7.5	1.6		
************PROFESSIONAL/SPECIALIZED									
900006	178,669	178,669	151,339	151,339	151,339	151,339	151,339	SECURITY	
$	0.496	0.049	1.076	0.694	0.276	0.179	0.052	0.329	
FTE	2.8	0.2		5.0	0.9	0.8	0.2	0.0	
%			3.6						

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By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: MIDWEST

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
100001	319,133		281,410	319,133	519,421				
$									
FTE	2.0	3.0	7.0	12.0	1.0				
%									
007737	1,380,895		1,380,895		13,372,920	1,380,895			
$	0.248		2.140		0.019	0.444			
FTE	9.0		61.0		11.0	18.0			
%									
009168	1,916,440	1,916,440	1,916,440	1,916,440	1,916,440				
$	0.080	0.250	1.520	0.094	0.500				
FTE	3.0	11.0	67.0	121.0	26.0				
%									
PACIFIC									
************RESEARCH									
001626	3,192,422	3,192,422	3,192,422	1,972,074	3,192,422	3,192,422			
$	0.073	0.027	0.342	0.603	0.137	0.185			
FTE	8.0	3.0	27.0	82.5	17.0	13.0			
%	3.6	1.4	18.6	17.1	6.9	9.2			
003210	3,589,658	3,589,658	3,589,658	3,493,050	4,380,444	3,589,658		CAMPUS MAI	FACILITIES
$	0.102	0.193	0.574	0.623	0.120	0.167		0.069	0.024
FTE	22.7	17.0	42.5	8.4	18.9	8.2		9.0	2.0
%	3.5	6.7	19.9	21.4	5.1	5.8		3.2	1.4
003223	4,127,010	4,127,010	4,127,010	2,650,356	4,127,010	2,760,548	4,127,010	GENERAL EQ	DELIVERY S
$	0.270	0.120	0.392	0.595	0.147	0.134	0.021	0.017	0.067
FTE	12.0	13.0	90.0	65.0	13.0	17.0	4.0	0.0	6.0
%	19.3	6.1	27.9	27.3	7.5	6.4	1.5	0.8	3.2
001320	4,163,295		4,163,295	4,308,253	2,480,749			PURCHASED	REFUSE DIS
$	0.140		0.910	0.630	0.350			1.580	
FTE	13.5	1.3	76.5	108.0	28.0	6.0			
%	3.7	1.0	23.7	16.0	5.4	8.1		41.1	0.7
001317	4,250,902	4,250,902	4,250,902	3,910,830	4,250,902	4,250,902		PURCHASED	
$	0.302	0.079	1.122	1.763	0.412	0.422		2.693	
FTE	25.0	5.0	147.5	132.0	79.0	30.0		0.0	
%	4.9	1.3	18.4	17.7	6.7	6.9		44.1	
001319	5,051,250	5,051,250	5,051,250	4,756,801	3,468,988	4,756,801	5,051,250	FUEL/PURC.	ALTERATION
$	0.402	0.138	2.489	0.597	0.117	0.276	0.018	2.072	0.400
FTE	63.0	3.0	95.0	90.0	10.0	35.0	2.0		
%	6.4	2.2	39.5	8.9	1.3	4.1	0.3	30.9	6.4
003800	6,568,000	6,568,000	6,568,000	4,867,000	8,212,000	8,212,000		TRUCKING/W	WORK MANAG
$	0.064	0.075	0.575	0.544	0.079	0.103		0.028	0.069
FTE	12.9	11.9	96.8	122.5	17.0	19.0		4.0	16.5
%	4.4	5.2	39.6	27.8	6.8	8.9		2.5	4.8

APPA TABLE 3-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: PACIFIC

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
001313	7,534,594		7,534,594	7,534,594	7,534,594	7,534,594		FIRE DEPAR	PLANT SERV
$	0.213		1.337	0.775	0.291	1.807		0.246	
FTE	35.0		52.2	189.0	75.1	46.9		38.0	223.0
%	4.5		29.3	16.5	6.2	38.3		5.2	
001312	10,355,125	10,355,125	10,355,125	8,465,422	8,465,422	8,465,422	8,465,422	ENERGY CON	
$	0.151	0.141	0.596	0.592	0.168	0.122		0.042	
FTE	40.5	32.0	130.5	283.0	61.0	30.0		11.5	
%	7.7	7.9	33.1	32.9	9.3	6.8		2.4	
003798	12,754,200	13,725,400	9,036,900	8,014,600	9,036,900	11,147,700		PURCHASED	ACCOUNTING
$	0.021	0.079	0.688	0.641	0.071	0.096		0.902	
FTE	6.0	37.0	300.0	257.0	30.0	25.0			
%	1.0		32.8	19.7	4.0	4.5		38.0	

************DOCTORATE GRANTING

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
001620	2,013,589	2,417,465	2,013,589	1,475,895	11,238,480	1,776,885	2,417,465	SECURITY	
$	0.098	0.030	0.619	0.705	0.034	0.091	0.137	0.077	
FTE	5.0	2.5	29.5	57.0	17.0	5.0	4.5	10.0	
%	4.6	1.7	28.8	24.1	8.9	3.8	7.7	4.3	
001316	2,051,000	2,051,000	2,051,000	2,051,000	2,051,000	2,051,000			
$	0.260	0.110	1.610	1.100	0.610	2.770			
FTE	7.0	10.0	71.5	83.5	35.5	27.0			
%	4.1	1.6	24.9	17.0	9.4	43.0			
001321	2,817,384		1,355,384	1,355,384	1,355,384	2,817,013		FIRE DEPT	
$	0.273		1.179	1.607	0.670	0.223		0.238	
FTE	12.5		21.4	73.6	22.2	11.2		17.3	
%	11.4		23.7	32.3	13.4	9.3		9.9	
003216	3,203,630	3,203,630	2,555,727	2,555,727	3,203,630	2,555,727		WAREHOUSE	
$	0.119	0.078	0.213	0.350	0.078	0.250		0.099	
FTE	11.0	4.5	14.0	3.5	6.0	15.0		6.5	
%	8.0	5.0	11.0	18.0	5.0	13.0		5.0	
000151	3,313,690	3,313,690	3,313,690	2,716,140	3,313,690	3,313,690	3,313,690		
$	0.324	0.052	0.845	1.652	0.396	0.423	0.061		
FTE	20.2	5.8	49.5	151.3	35.3	17.6	3.0		
%	9.4	1.5	24.5	39.2	11.5	12.2	1.7		

************COMPREHENSIVE

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
001155									
$									
FTE									
%									
001616	1,166,577	2,022,234	1,166,577	1,166,577	1,166,577	1,166,577	2,022,234	GARBAGE DI	
$	0.120	0.060	0.830	0.750	0.160	0.870	0.030	0.030	
FTE	4.0	3.0	24.0	49.0	8.0	5.0	2.0		
%	4.3	3.7	29.3	25.5	5.4	29.6	0.4	1.8	

APPA TABLE 3-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: PACIFIC

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
001138	1,300,000	1,300,000	1,300,000	1,300,000	1,300,000		1,300,000		
$									
FTE	20.0	20.0	18.0	60.0	22.0		5.0		
%									
003771	1,375,200	1,375,200	1,375,200	1,375,200	2,410,078	1,375,200		CENTRAL ST	CENTRAL RE
$	0.228	0.243	0.439	1.034	0.441	0.882			
FTE	9.6	4.2	12.0	49.9	9.1	16.4	3.6	4.0	2.0
%	5.8	6.2	11.1	26.2	13.9	22.3	4.6	1.9	0.0
001147	1,494,572	1,494,572	1,494,572	1,494,572	1,494,572	1,494,572	1,494,572		
$	0.480	0.050	0.890	0.990	0.420	0.260	0.140		
FTE	19.0	3.0	29.0	69.5	27.0	12.0	6.0		
%	14.5	1.6	27.8	30.6	13.1	8.0	4.4		
001150	1,561,107	1,561,107	1,561,107	1,561,107	10,105,920	1,561,107		ENERGY COS	
$	0.488	0.087	0.642	1.772	0.434	0.266		1.139	
FTE	22.0	4.0	28.9	80.0	19.6	12.0			
%	10.1	1.8	13.3	36.7	9.0	5.5		23.6	
001146	1,793,000	1,793,000	1,793,000	1,793,000	1,793,000	1,852,000	2,125,000	CENTRAL SU	WAREHOUSE
$	0.420	0.090	0.680	1.270	0.260	0.950	0.090	0.060	0.050
FTE	16.0	4.0	25.0	72.0	13.0	8.0	4.0	2.0	0.0
%	10.5	2.2	16.9	31.6	6.5	24.5	2.7	1.5	1.2
003775	2,208,943	2,208,943	2,208,943	2,052,999	2,208,943	2,208,943	2,208,943		
$	0.137	0.041	0.734	0.862	0.185	0.187			
FTE	7.0	2.0	36.0	60.0	9.0	7.0			
%									
003802	2,607,800	2,607,800	1,573,300	1,403,500	2,607,800	2,607,800	1,573,300		
$	0.229	0.185	0.632	0.816	0.187	0.165	0.032		
FTE	14.8	8.5	21.0	45.0	14.0	9.0	0.0		
%	10.0	8.1	16.7	19.2	8.2	7.2	0.8		
001143	2,820,462		2,631,869	1,798,067	10,349,856	2,631,869			
$	0.420		0.980	1.340	0.100	0.320			
FTE	15.5		63.1	90.6	31.0	15.1			
%	14.6		31.8	29.9	13.0	10.7			
001136	2,849,091	2,849,091	2,849,091	2,287,675	2,849,091	2,849,091	2,849,091		
$	0.459	0.127	0.874	1.350	0.462	0.126	0.137		
FTE	23.0	8.0	45.2	111.1	19.5	19.0	6.5		
%	14.0	3.9	26.7	33.2	14.1	3.9	4.2		
************LIBERAL ARTS									
008155	1,259,000	1,259,000	1,000,000	1,000,000	1,259,000	1,000,000	1,000,000	REFUSE/FIR	CAMPUS SAF
$	0.201	0.045	0.444	0.736	0.164	0.470	0.067	0.149	
FTE	8.0	1.0	11.4	28.9	6.0	10.0	0.5	1.5	
%	7.9	1.7	14.0	23.1	6.5	14.8	2.1	5.9	

************2-YR., JR. OR TECH.

APPA TABLE 3-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: PACIFIC

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
001250			679,121	679,121	3,920,400	4,559,521			
$			1.310	1.040	0.100	0.160			
FTE			25.0	25.0	11.0	1.0			
%									
008596			307,640	307,640	43,560				
$			1.400	1.990	0.270				
FTE			10.0	23.0	5.0				
%			3.0	4.0	0.1				
666907			840,676	840,676	840,676	840,676			
$			1.530	1.396	0.560	1.035			
FTE			20.0	37.0	9.7				
%			44.0	40.0	16.0				
001615	300		1,300	600	1,100				
$									
FTE	2.0		2.0	6.0	4.0				
%									
029231	193,000	193,000	193,000	193,000	193,000		193,000	MISC. SERV	
$	0.349	0.188	1.014	1.437	0.647		0.036	0.933	
FTE	2.5	1.0	4.0	13.0	2.0				
%	7.6	4.1	22.0	31.2	14.0		0.8	20.3	
003773	506,200	493,600	493,600	506,200	493,600				
$	0.213	0.080	0.638	0.883	0.278				
FTE	3.0	1.0	11.0	16.0	3.5				
%	10.7	3.9	31.3	44.4	13.6				
001265	1,083,521	882,900	988,363	87,608	6,141,960	197,672			
$	0.624	0.458	0.665	1.812	0.059	0.831			
FTE	7.0		13.0	5.0	10.0				
%	13.1	19.3	31.4	10.9	17.4				
001189	1,111,618	1,111,618	1,111,618		1,111,618			RECEIVING/	
$	0.790	0.080	1.780		1.190			12.000	
FTE	8.0	1.0	14.0		15.0			4.0	
%	20.0	2.0	45.0		30.0			3.0	
001197	1,228,244		1,228,244	1,228,244	1,371,260				
$	0.304		0.764	1.082	0.300				
FTE	8.3		23.0	48.5	15.3				
%									
200006	1,905,285	1,905,285	1,775,170	1,861,822	1,861,822	1,861,822		SAFETY & S	
$	0.220	0.220	0.922	0.630	0.080	0.320		0.330	
FTE	6.0	4.0	4.0	16.0	2.0	6.5		6.0	
%	6.6	6.5	25.8	18.4	2.4	9.6		10.3	
001161	5,161,496		711,404	711,404	4,450,092	711,404	711,404		
$	0.030		1.160	1.470	0.090	0.030	0.140		
FTE	4.8		15.0	38.0	14.0	1.0	1.3		
%	7.0		31.0	39.0	16.0	0.1	3.0		

APPA TABLE 3-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: PACIFIC

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
*************PROFESSIONAL/SPECIALIZED									
003209									
$									
FTE	6.0	4.0	10.0	3.0	10.0	5.0	2.0	15.0	3.0
%									
009020	1,028,781		1,028,781	1,028,781	10,193,040		1,028,781		
$	0.319		1.430	0.726	0.081		0.178		
FTE	6.0		31.0	31.0	25.0		4.0		
%	9.0		41.0	21.0	23.0		5.0		
ROCKY MTN.									
*************RESEARCH									
002654	858,100	858,100	858,100	753,000	809,083	858,100	858,100		
$	0.770	0.130	0.520	0.650	0.660	0.120	0.330		
FTE	16.5	2.5	20.0	27.0	21.0	4.0	5.0		
%	25.2	4.4	16.9	18.5	20.2	4.0	10.8		
001370	3,800,000	7,500,000	3,800,000	3,800,000	3,800,000	7,500,000		INSURANCE/	
$	0.279	0.093	0.717	0.734	0.246	0.089		0.118	
FTE	27.0	18.0	61.0	136.0	20.0	16.0		0.0	
%	11.3	7.5	29.2	29.9	10.0	7.2		4.8	
200087	4,068,170	4,068,170	3,415,133	3,006,724	3,961,868	3,416,477		SECURITY	TELEPHONE
$	0.248	0.212	1.077	1.311	0.244	0.474		0.166	0.235
FTE	21.0	15.0	64.9	140.0	35.9	26.7		18.0	0.6
%	5.7	4.9	20.8	22.3	5.5	6.3		3.8	4.6
001350	4,247,721	4,247,721	4,247,721	4,247,721	4,117,432	4,247,721	4,247,721	WAREHOUSE/	
$	0.271	0.157	1.685	0.741	0.470	1.987	0.282	0.066	
FTE	14.0	21.8	125.1	139.4	57.1	13.5	13.6	13.1	
%	4.8	2.7	29.7	13.1	8.3	35.2	5.0	1.2	
003675	4,262,355		4,262,355	3,953,326	4,262,355	6,924,157	7,354,132		
$	0.316		0.639	0.511	0.377	0.279			
FTE	27.8		79.1	149.7	54.3	53.5	8.0		
%	14.0		28.3	21.0	16.7	20.0			
003932	4,464,987	4,464,987	3,428,768	2,794,565	3,428,768	4,464,987		UTILITIES	STREET REP
$	0.129	0.023	0.658	0.660	0.190	0.851		0.757	0.026
FTE	12.0	7.5	83.0	121.5	5.0	15.0			
%	3.8	1.2	31.4	17.5	2.1	7.7		35.4	1.0
003677	4,988,026		3,076,819	3,076,819	3,076,819	3,076,819			
$	0.099		0.641	0.504	0.190				
FTE	22.0		79.0	88.0	20.0	2.0			
%	10.8		42.8	33.7	12.7				

APPA TABLE 3-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: ROCKY MTN.

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
001081	5,745,740	5,745,740	5,745,740	5,037,318	5,761,755	4,611,408	5,745,740		
$	0.205		0.895	0.698	0.290	0.192	0.042		
FTE	29.0		198.0	234.0	87.0	22.0	9.0		
%	9.3		40.7	27.8	13.2	7.0	1.9		
001083	6,172,163	6,172,163	6,172,163	6,172,163	6,172,163	6,172,163		MAIL	
$	0.273	0.098	0.749	0.594	0.263	2.050		0.054	
FTE	43.9	16.0	226.2	282.1	92.5	20.5		19.0	
%	6.7	2.4	18.4	14.5	6.4	50.3		1.3	
200140	9,114,802	9,114,802	9,114,802	9,114,802	9,114,802	9,114,802			
$	0.113	0.066	0.621	1.012	0.116	0.255			
FTE	31.5	18.0	72.0	350.0	36.0	57.0			
%	5.2	3.0	28.5	46.3	5.3	11.7			
************DOCTORATE GRANTING									
002536	1,584,331	1,584,331	1,566,346	1,481,964	1,566,946	1,505,961	1,566,946		
$	0.160	0.105	0.717	0.675	0.130	1.150	0.139		
FTE	6.7	5.3	36.0	59.7	9.5	7.0	4.0		
%	5.4	3.5	23.9	21.3	4.3	36.9	4.7		
002532	2,125,804	2,125,804	1,818,927	1,749,048	2,051,517	1,907,711			
$	0.143	0.075	0.757	0.715	0.109	0.162			
FTE	6.6	3.9	3.1	60.0	6.3	8.0			
%	5.1	2.7	23.1	21.0	3.7	5.2			
200077	6,571,355	6,571,355	6,571,355	5,284,975	6,571,355	5,749,935		TELECOMMUN	SECURITY
$	0.100	0.056	0.461	0.978	0.114	0.139		0.235	0.163
FTE	24.0	6.0	59.5	164.0	39.0	16.0		11.0	29.5
%	5.5	2.8	23.1	39.3	5.7	6.1		9.5	8.1
************COMPREHENSIVE									
002653	777,623								
$	17.300		95.800	38.500		127.500	2.500		
FTE	3.5		20.0	34.0		5.1	3.0		
%	6.0		33.1	13.3		47.5	0.1		
002530	844,729		554,409	554,409	844,729	554,409		CAMPUS COM	
$	0.110		0.710	0.620	0.140	1.010		0.080	
FTE	3.7		9.0	30.0	6.0			4.0	
%	5.7		24.9	21.8	7.6	35.1		4.5	
************LIBERAL ARTS									
200890		696,000	1,318,000	1,565,000	637,500	469,000		STORES, MI	TELEPHONES
$		0.517	0.980	1.164		0.499		0.351	0.198
FTE		15.0	30.0	59.5		12.0		11.0	1.0
%		8.9	16.9	20.0	8.1	6.0		6.0	3.4

APPA TABLE 3-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: ROCKY MTN.

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
009542	1,375,602	1,375,602	1,375,602	1,261,101	1,375,602	1,375,602	1,375,602	ENVMTL HEA	GENERAL LA
$	0.133	0.204	1.031	1.044	0.284	0.038	0.054	0.049	0.038
FTE	6.0	6.0	36.5	65.0	12.0	1.5	2.0	1.0	2.0
%	8.1	5.1	37.1	35.6	9.3	1.3	1.8	1.6	1.3
************2-YR., JR. OR TECH.									
001361									
$									
FTE									
%	5.0		29.5	23.0	6.0	30.0	6.4		
009543	288		3,332	1,152	1,152	576		MAIL ROOM	CAMPUS POL
$	0.373		0.800	0.597	0.407			0.008	0.381
FTE	2.0		4.0	7.0	3.0			1.0	3.0
%	14.5		31.3	23.2	15.8			3.0	14.9
029242	146,926	146,926	146,926	144,576	146,926	146,926			
$	13.259	6.030	6.530	0.790	29.970	1.530			
FTE	9.6	0.9	10.8	2.3	1.3	0.0			
%	35.3	4.7	4.8	21.8	12.6	43.8			
007582	290,000		290,000	216,470	290,000			PT SUMMER	
$									
FTE	1.6		6.0		4.0		1.0	4.0	
%	0.0								
200044	394,833	479,214	394,833	351,280	443,961	394,833	479,214	SECURITY	
$	0.250	0.063	0.737	1.552	0.324	0.152	0.052	0.147	
FTE	2.2	0.3	6.8	20.4	4.5	0.8	0.5	2.0	
%	7.1	2.2	21.2	39.7	10.5	4.3	1.8	4.2	
001365	621,783		621,783	621,783	621,783	621,783		SHIPPING &	MAIL ROOM
$	0.330		0.670	0.650	0.480	0.420		0.190	0.110
FTE	5.0		11.0	19.0	6.0	4.0		3.0	2.0
%	11.5		23.2	22.5	16.7	14.7		6.5	3.7
************PROFESSIONAL/SPECIALIZED									
004508	1,731,922	1,731,922	1,731,922	837,407	584,240	1,731,922	1,731,922		
$	0.283	0.078	1.304	2.223	0.352	0.375	0.055		
FTE	8.5	3.0	31.5	85.5	7.5	15.0	2.0		
%	8.6	2.4	39.6	32.7	3.6	11.4	1.7		
010313	4,760,000	4,037,000	4,037,000	4,037,000	476,000	4,037,000	5,400,000		
$	0.113	0.016	0.738	0.894	0.227	2.343	0.053		
FTE	17.2	2.0	116.4	163.0	56.0	42.0	10.7		
%	2.6	0.3	16.9	20.4	5.2	53.4	1.2		

SOUTHEASTERN

*************RESEARCH

APPA TABLE 3-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: SOUTHEASTERN

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
003827									
$									
FTE									
%									
002029	2,607,009	2,607,009	2,607,009	2,060,202	2,607,009	2,607,009	2,607,009	HOUSING MA	
$	0.229	0.160	0.607	0.696	0.249	0.511	0.052	0.313	
FTE	17.0	9.0	62.0	86.0	37.0	41.0	5.0	16.0	
%	8.6	6.1	22.7	20.6	9.3	19.1	1.9	11.7	
003509	3,997,552	3,997,552	3,997,552	3,997,552	3,997,552	3,997,552	3,997,552	TRAINING	SUPPLY
$	0.170	0.073	0.790	0.990	0.240	1.045	0.083	0.012	0.045
FTE	25.0	7.8	99.0	229.0	44.0	1.0	5.0		
%	4.9	2.1	22.9	29.7	6.9	30.3	2.3	0.3	1.2
001535	4,991,795	8,495,605	4,991,795	5,845,860	13,687,555	13,687,555			
$	0.351	0.090	0.881	0.990	0.215	0.585			
FTE	57.0	20.0	127.0	342.4	138.0	139.0			
%	6.1	2.6	15.3	20.1	10.2	27.9			
002423	5,089,353	5,089,353	2,243,660	2,755,917	2,243,660	5,089,353		GARBAGE &	
$	0.070	0.007	0.555	0.495	0.351	0.064		0.034	
FTE	14.0	7.0	30.0	100.0	25.0	43.0		5.0	
%									
001989	5,135,626	5,135,626	5,135,626	5,135,626	5,135,626	5,135,626		WASTE COLL	MOVING & D
$	0.143	0.289	0.672	0.758	0.253	1.000		0.030	0.065
FTE	20.0	43.0	132.0	234.0	59.0	29.0		7.0	18.0
%	4.0	9.0	21.3	23.5	7.8	30.9		0.9	2.0
001569	5,235,992	5,235,992	5,235,992	5,235,992	5,235,992	3,926,994	5,235,992		
$	0.330	0.210	1.370	0.630	0.370	0.150			
FTE	14.0	23.0	83.0	138.0	59.0	38.0	8.0		
%									
003448	5,666,659	7,773,424	5,666,659	5,666,659	7,773,424	7,773,424			
$	0.110	0.100	0.670	0.550	0.140	0.100			
FTE	28.0	13.0	168.0	178.0	52.0	30.0			
%									
001052	5,699,496	5,699,496	5,699,496	4,499,496	5,699,496	2,842,218	42,700		
$	0.030	0.190	1.390	0.750	0.140	0.270			
FTE	3.0	29.0	241.0	202.0	33.0	25.0			
%	1.3		60.9	25.9	5.9	5.9			
003735	5,848,274	5,848,274	5,848,274	4,267,753	5,848,274	5,848,274	5,848,274	CONSTRUCTI	
$	0.310	0.190	1.610	0.960	0.140	0.220	0.320	0.950	
FTE	45.0	14.0	302.0	231.0	30.0	33.0	7.0	18.0	
%	7.0	4.2	36.3	15.9	3.1	4.9	2.3	21.4	
001051	5,976,469		5,976,469	4,652,400	5,976,469	4,478,931	5,976,469		
$	0.080		0.671	0.560	0.220	0.230	0.030		
FTE	18.0		6.0	162.0	41.0	15.0	4.0		
%	5.0		42.0	27.0	14.0	10.0	2.0		

APPA TABLE 3-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: SOUTHEASTERN

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
003754	6,274,631		6,274,631	3,659,940	6,274,631	5,477,363			
$	0.070		0.631	0.650	0.140	0.240			
FTE	7.0		43.0	138.0	39.0	43.0			
%	4.9		44.1	26.5	9.8	14.7			
001598	8,288,954	8,288,954	5,879,361	5,879,361	8,288,954	5,879,361	5,879,361		
$	0.088	0.069	0.862	0.982	0.272	0.101	0.060		
FTE	25.0	15.0	125.0	335.0	65.0	22.0	14.0		
%	3.4	1.9	16.8	19.1	7.5	2.0	1.2		
002010	8,419,000		5,262,500	5,262,500	8,419,000	8,419,000	8,419,000		
$	0.118		0.685	0.435	0.144	0.131	0.018		
FTE	31.0		171.0	158.0	55.0	48.0	5.0		
%	10.6		38.5	24.5	13.0	11.7	1.6		
002974	8,700,000		8,700,000	8,700,000	8,700,000	10,300,000		CUSTOMER S	
$	0.757		0.850	1.055	0.204	2.968		1.000	
FTE	170.0		210.0	455.0	65.0	77.0		93.0	
%	8.9		18.0	12.6	1.8	39.8		18.9	
002972	8,779,961	8,779,961	8,779,961	8,779,961	8,779,961	8,779,961	8,779,961		
$	0.190	0.050	0.710	0.470	0.090	0.050	0.070		
FTE	73.0	20.0	193.0	330.0	60.0	24.0	33.0		
%									
006968	9,752,444	9,752,444	6,745,250	4,085,210	9,461,482	9,752,444		CONSTRUCTI	
$	0.180	0.880	0.480	0.720	0.100	0.430			
FTE	49.0	62.0	157.0	160.5	51.0	108.5		10.0	
%	7.7	15.7	13.8	12.5	4.0	17.8			
003530	11,204,285	11,204,285	5,257,327	4,915,601	9,437,092	5,041,834			
$	0.050	0.050	0.400	0.590	0.090	0.170			
FTE	24.0	12.0	194.0	138.0	41.0	53.0			
%	8.1	6.7	26.5	36.7	11.2	10.8			
************DOCTORATE GRANTING									
003705	229,665	232,202	1,330,705	2,184,726	236,194	185,369	14,720	PROPERTY I	PROPERTY R
$	0.105	0.106	0.607	0.996	0.108	0.085	0.007	0.048	0.002
FTE	8.5	5.0	28.0	126.1	18.0	7.0			
%	4.8	4.8	27.7	45.5	4.9	3.9	0.3	2.2	0.1
003728	1,246,180	1,740,247	1,246,180	1,246,180	2,979,925		1,246,180	MOVING AND	
$	0.547	0.248	1.204	1.215	0.161		0.194	0.092	
FTE	21.8	11.0	46.4	90.8	11.7		5.7	4.0	
%	13.7	8.7	30.2	30.5	9.7		4.9	2.3	
002015	1,421,441	2,076,114	1,421,441	1,421,441	2,076,114	2,076,114	2,076,114		
$	0.177	0.107	0.489	0.535	0.137	0.320	0.029		
FTE	11.8	7.2	29.5	46.0	15.0	24.0	1.0		
%	8.5	7.6	23.7	25.9	9.7	22.6	2.0		

APPA TABLE 3-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: SOUTHEASTERN

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
002441	1,675,549	3,006,124	1,675,549	1,675,549	3,006,124	3,006,124	1,675,549	ELECTRONIC	SAFETY
$	0.162	0.085	0.852	0.680	0.208	0.058	0.095	0.156	0.015
FTE	11.0	7.0	45.6	84.6	34.9	3.0	4.0	11.3	2.0
%	6.0	5.7	31.5	25.1	13.7	3.8	3.5	5.8	1.0
002976	2,817,649		2,817,649	1,871,086	2,817,649	2,817,649			
$	0.141		0.259	0.925	0.213	0.408			
FTE	15.0		16.0	100.0	24.0	31.0			
%	8.7		15.8	37.5	13.1	24.9			
002440	3,846,017	3,846,017	3,549,221	1,956,339	3,846,017	3,846,017			
$	0.073	0.027	0.202	0.049	0.437	0.241			
FTE	7.2	3.0	31.0	106.0	25.0	26.5			
%	8.4	3.1	21.4	32.2	14.8				
001999	4,678,062	4,678,062	4,678,062	4,118,019	4,678,062	3,040,458	4,678,062		
$	0.341	0.097	0.868	0.773	0.100	0.054	0.048		
FTE	52.6	13.0	128.8	194.7	21.0	8.0	4.4		
%	15.7	4.4	40.0	31.3	4.6	1.6	2.2		
003425	5,149,753	5,149,753	3,103,579	3,103,579	34,848,000	5,149,753	5,149,753	OPERATIONS	MASTER PLA
$	0.110	0.040	1.010	0.067	0.040	1.070	0.130	0.002	0.030
FTE	13.0	11.0	130.0	115.0	46.0	20.0	16.0	17.0	3.0
%	4.0	1.3	22.6	15.1	9.1	39.8	4.8	0.1	1.1
*************COMPREHENSIVE									
002923	100,970		32,446						
$									
FTE									
%									
001968	228,320		224,849	330,117	195,678	449,210	133,969		
$	0.252		0.249	0.365	0.216	0.497	0.148		
FTE	8.0		13.0	36.0	10.0	19.0	3.5		
%	14.6		14.4	21.1	12.5	28.8	8.6		
001546	427,067		127,067	427,067	427,067	427,067			
$	0.167		1.068	0.629	0.125	1.329			
FTE	2.0		10.5		8.0				
%	4.4		28.2	16.0	12.5	37.0			
902013	650,000	650,000	650,000	650,000	650,000	650,000			
$	0.090	0.070	0.070	0.380	0.100	0.090			
FTE	3.0	1.0	3.0	25.0	6.0	4.0			
%									
003826	686,550	686,550	562,670	462,030	686,550	686,550	686,550		
$	0.414	0.042	0.517	0.668	0.240	0.389	0.080		
FTE	12.3	1.0	10.0	21.0	6.5	5.0	1.0		
%	20.3	2.0	20.9	22.0	11.8	19.1	3.9		

APPA TABLE 3-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: SOUTHEASTERN

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
001573	730,391		730,391	537,307	730,391	730,391	1,867		
$	0.119		0.700	1.184	0.285	0.150	10.712		
FTE	3.0		9.0		9.0	3.0	1.0		
%	6.0		37.0	33.0	15.0	8.0	1.0		
001566	983,226		983,226	983,226	983,226	983,226	983,226		
$	0.210		0.850	0.606	0.250	0.938	0.060		
FTE	5.0		16.0	38.0	11.0				
%	0.8		0.3	0.2	0.1	0.3	0.1		
003529	1,271,858	1,271,858	1,271,858	1,271,858	2,178,000	999,038			
$	0.263	0.041	0.642	0.714	0.142	0.358			
FTE	9.8	2.0	26.0	58.0	14.7	11.0	2.3		
%	12.0	1.9	29.3	32.6	11.1	12.8			
003749	1,723,180		1,287,280	1,287,280	1,605,580	1,287,280	1,723,180		
$	0.411		1.490	0.093	0.290	2.000	0.150		
FTE	4.0		45.0	36.0	11.0	16.0	3.0		
%	9.9		26.9	16.9	6.5	36.2	3.6		
001480	1,896,105		1,896,105	1,896,105	1,896,105	1,896,105			
$	0.220		0.530	0.820	0.430	1.720			
FTE	15.0		40.0	81.0	45.0	31.0			
%	6.0		14.0	22.0	12.0	46.0			
003732	1,935,365	1,935,365	1,935,365	1,935,365	1,935,365	1,935,365	1,935,365	TELECOMMUN	
$	0.167	0.102	0.986	0.916	0.262	0.405	0.128	0.036	
FTE	7.0	5.7	48.0	97.3	22.9	17.0	4.0	3.8	
%	5.6	3.4	33.2	30.9	8.8	13.7	4.3	1.0	
003522	2,072,614		1,579,386	1,543,432	1,579,386	1,579,386	114,137		
$	0.196		0.675	0.609	0.174	2.080	0.213		
FTE	11.0		25.0	59.0	10.0	23.0	1.0		
%	7.3		19.2	16.9	4.9	59.2	0.4		
002981	2,288,127	2,288,127	2,288,127	995,470	2,288,127	2,232,784	2,288,127	LANDFILL/R	
$	0.170	0.070	0.560	1.030	0.230	0.094	0.060	0.030	
FTE	11.0	3.2	38.4	55.8	25.2	9.0	4.0	3.0	
%									
002367	2,400,000	2,400,000	2,400,000	1,639,839	2,400,000	2,400,000	2,400,000	UTILITIES	CONSTRUCTI
$	0.223	0.018	0.736	0.491	0.070	0.128	0.127	0.756	0.272
FTE	12.0	2.0	48.0	47.0	7.0	11.0	7.0		
%	8.3	0.1	26.9	12.5	2.6	4.8	4.8	28.3	11.7
001977	3,071,040	3,071,040	3,071,040	1,205,000	3,071,040	3,071,040		FUEL,PURCH	
$	0.072	0.042	0.370	0.677	0.124	0.088		1.009	
FTE	9.5	6.5	51.0	57.0	21.5	10.0			
%	0.1	0.1	0.3	0.1	0.1	0.4			

************LIBERAL ARTS

APPA TABLE 3-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: SOUTHEASTERN

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
			BUILDING AREA SERVED COST/GSF FTE % OF TOTAL PHYSICAL PLANT STAFF						
003719								STOCKROOM	UTILITY SE
$									
FTE	3.0	1.0	22.0	42.5	10.0	10.0	3.0	1.0	1.0
%	2.6	0.9	15.4	19.8	5.0	6.4	2.0	0.6	0.4
************2-YR., JR. OR TECH.									
008242									
$									
FTE									
%									
010997	69,835		69,835	69,835	69,835			UTILITIES	
$	0.830		0.400	0.730	0.990			1.720	
FTE	1.5		0.5	3.0	3.5				
%	17.8		8.6	15.6	21.2			36.8	
001506	150,000	2,000	55,000	15,000	150,000	1,500	1,600	CLASSROOM	THEATER
$									
FTE	10.0	4.0	63.0		32.0				
%									
004004	150,000								
$	0.800								
FTE									
%									
008083	234,781		234,781	210,221	234,781				
$	0.302		0.447	0.924	0.383				
FTE	3.0		3.0	9.0	3.0				
%	15.4		42.2	22.8	19.6				
008145	264,207	264,207	264,207	264,207	264,207	264,207	264,207	CAPITAL RE	
$	0.310	0.030	0.750	0.890	0.190			0.270	
FTE	2.0		4.9	11.7	1.5				
%	12.9		31.2	36.8	7.8			11.3	
003483	295,135		295,135	287,935	3,920,400	295,135	295,135		
$	0.155		0.569	0.488	0.012	0.910	0.110		
FTE	2.0		4.0	11.0	4.0	2.0			
%									
007105	376,483								
$	3.090								
FTE									
%									
001484	1,665,596		1,665,595	1,665,595	1,665,595				
$	0.077		0.664	0.925	0.244				
FTE	3.0		36.0	79.0	13.0				
%	0.2		1.8	2.5	0.7				

************PROFESSIONAL/SPECIALIZED

APPA TABLE 3-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: SOUTHEASTERN

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
002013	1,472,896	1,472,896	1,472,896		1,472,896	1,472,896		BIOMEDICAL	
$	0.379	0.065	1.510		0.055	2.148		0.504	
FTE	15.0	5.0	79.0		8.0	15.0		11.0	
%	8.6	1.5	34.3		1.3	48.8		5.5	
003438	2,977,335	2,977,335	2,977,335	1,921,928	2,977,335	2,977,335			
$	0.176	0.103	0.726	0.818	0.068	0.338			
FTE	13.0	10.0	63.0	85.0	11.0	4.0			
%	4.0	0.3	18.0	12.0	2.0	2.0			

AUSTRALASIAN

*************RESEARCH

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
900090	592,034		592,034	527,449	592,034	592,034	592,034		
$	4.230		17.680	15.790	0.940	4.720	2.750		
FTE	8.0		36.0	16.0	4.0	3.0	6.0		
%	8.8		36.7	29.4	9.6	9.8	5.7		
900030	2,000,000	2,000,000	2,000,000		2,000,000	2,000,000		CAPITAL WO	
$			1.150		0.160				
FTE	2.7	2.4	35.0		7.2	4.9		15.1	
%			88.0		12.0				

OTHER

*************RESEARCH

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
900035	849,631		839,947	639,437	1,220,055				
$	0.150		0.470	0.410	0.230				
FTE	5.0		13.0	25.0	16.0				
%	11.7		37.4	32.9	18.3				

APPA TABLE 3-B: PHYSICAL PLANT COSTS AND STAFFING DATA FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: CENTRAL			BUILDING AREA SERVED COST/GSF FTE % OF TOTAL PHYSICAL PLANT STAFF						
INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
CENTRAL									
*************RESEARCH									
201350	1,413,183	1,413,183	1,413,189	1,159,768	1,413,183		1,413,183	SECURITY	
$									
FTE	10.0	10.0	71.0	129.0	52.0		3.0	77.0	
%									
*************DOCTORATE GRANTING									
003623	911,205		911,205	911,205	911,205	911,205	911,205	TELEPHONE	DUPLICATIN
$			0.757	0.434	0.479	1.071	0.048	0.150	0.011
FTE	4.5		10.0	38.0	10.0	10.5	2.0	1.5	3.0
%	6.2		23.8	13.7	15.1	33.7	1.5	4.7	0.3
003636	2,065,980		2,060,252	1,359,677	2,065,980	2,060,252		RESIDENT.	
$			0.574	1.045	0.483	2.259		1.096	
FTE	7.5		25.0	80.5	29.0	39.0		40.0	
%	5.9		12.3	14.8	10.4	48.5		8.1	
003613	2,810,000	2,810,000	2,810,000	2,000,000	2,810,000	2,810,000		OUTSIDE CO	
$		0.030	0.651	0.779	0.148	1.423		0.318	
FTE	10.0	2.0	62.0	94.0	11.0	11.0		0.0	
%	4.2	0.9	18.6	22.3	4.2	40.7		9.1	
006967	3,231,754	3,231,754	3,231,754	2,810,672	3,231,754	3,231,754		SOLID WAST	ASBESTOS
$		0.022	0.520	0.705	0.158	1.452		0.016	0.023
FTE	4.0	2.0	58.0		26.0	7.0		1.0	3.0
%	1.2	0.8	17.6	23.9	5.3	49.2		0.5	0.8
*************COMPREHENSIVE									
003654									
$									
FTE									
%									
002482	375,000	375,000	375,000	375,000	375,000				
$									
FTE	2.0		5.0	18.0	5.0				
%									
003598	433,474	433,474	433,474	433,474	433,474	433,474			
$		0.110	1.310	0.350	0.150	1.030			
FTE	6.0	1.3	20.4	21.5	7.1	3.4			
%	0.8	0.2	68.0	2.5	0.5	28.0			
003647	1,878,000		1,878,000	1,629,000	1,878,000	1,878,000	1,878,000		
$			0.817	0.425	0.457		0.037		
FTE	6.0		21.0	60.0	35.0	3.0	2.0		
%	7.0		45.2	20.3	25.3		2.1		

APPA TABLE 3-B: PHYSICAL PLANT COSTS AND STAFFING DATA FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: CENTRAL

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
************LIBERAL ARTS									
003620	619,805		619,805	619,805	619,805	619,805	610,805		
$									
FTE	4.0		10.0	30.0	11.0	4.0	1.0		
%									
************2-YR., JR. OR TECH.									
001920									
$									
FTE									
%									
001905	404,577		404,577	236,858	1,611,720	234,571		SECURITY	
$			0.613	0.500	0.033	0.125		0.010	
FTE	2.0		9.0	4.6	1.6	1.0	0.8	0.5	
%	5.3		25.4	12.1	5.4	3.0	4.0	0.4	
************PROFESSIONAL/SPECIALIZED									
004949	2,670,000	2,670,000	1,165,000	1,122,000	1,137,000	1,137,000	1,137,000	SAFETY & S	MOVING & D
$		0.088	1.755	0.821	0.072	0.670	0.058	0.557	0.072
FTE	14.0	5.0	57.0	51.0	3.0	15.0	1.0	27.0	14.0
%	10.5	4.2	36.2	16.3	1.5	13.5	1.2	12.3	3.3
EASTERN									
************RESEARCH									
002139	1,349,513	1,349,513	1,349,513	1,349,513	1,349,513	1,302,405			
$		0.022	0.867	0.852	0.284	0.360			
FTE	4.0	0.0	22.0	42.0	6.0	6.0			
%	3.5	0.7	22.5	21.9	9.0	7.5			
001431	3,223,967		3,223,967	3,223,967	3,223,967	3,223,967	3,223,967		
$			0.869	0.798	0.248	0.329	0.008		
FTE	16.0		60.8	146.0	9.7	25.3	1.0		
%	2.8		20.1	18.5	5.7	7.6	0.2		
002803	3,471,727	3,471,727	2,220,617		2,220,617	3,471,727			
$		0.158	1.060		0.552	0.066			
FTE	16.0	17.0	77.0		44.0	5.0			
%	8.2	11.5	49.5		25.7	4.8			
001445	3,600,000	5,500,000	3,600,000	3,600,000	3,600,000	5,500,000			
$		0.510	0.890	0.890	0.890	2.130			
FTE	50.0	11.0	96.0	96.0	96.0	43.0			
%	3.9	5.6	15.9	15.9	15.9	42.9			

APPA TABLE 3-B: PHYSICAL PLANT COSTS AND STAFFING DATA FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: EASTERN

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
200023	3,800,000	1,849	128,452	9,717	2,920,688	45,141	4,000	SECURITY/T	
$									
FTE									
%									
001444	3,978,455	3,978,455	1,794,461	1,794,652	1,774,732	1,794,461	1,774,732		
$		0.247	1.461	1.792	0.149	0.911	0.240		
FTE	17.5	25.5	32.3	116.3	8.5	25.5	8.8		
%	5.3	8.9	16.3	23.7	5.0	35.4	5.4		
002707	3,990,974	5,578,294	3,990,974	4,115,066	5,578,294	5,482,835		TRASH REMO	
$		0.091	1.681	1.524	0.186	0.338		0.097	
FTE	47.1	28.5	115.0	202.0	24.0	39.0			
%									
002894	4,834,040	7,223,750	4,834,040	2,389,660	5,818,437	5,818,437	4,834,040	PLANNING	INHOUSE CO
$		0.153	1.073	0.648	0.123	0.868	0.059	0.070	0.104
FTE	42.5	21.0	127.0	69.0	23.0	39.0		9.4	29.0
%	10.8	6.6	30.9	9.2	4.3	30.1	1.7	2.8	3.6
002178	6,930,515	6,930,515	6,752,460	6,676,357	8,930,673	8,930,673			
$		0.370	1.470	1.400	0.230	0.170			
FTE	22.3	35.0	152.5	286.0	47.0	37.0			
%	3.7	9.8	37.5	35.4	7.9	5.7			
************DOCTORATE GRANTING									
200092	2,120,911	2,120,911	2,120,911	2,120,911	2,120,911	1,910,810	2,120,911		
$		0.090	0.890	1.870	0.250	0.540	0.030		
FTE	13.0	4.0	36.5	106.0	11.0	16.0			
%									
001434	2,181,000	2,181,000	2,181,000	2,181,000	2,181,000	2,181,000	2,181,000	TELECOMMUN	SECURITY
$		0.015	1.180	0.654	0.465	0.157	0.161	0.410	0.323
FTE	7.0	1.0	66.0	127.0	24.0	12.0	4.0	6.0	25.0
%	10.2	0.4	30.0	16.6	11.8	4.0	4.1	10.4	8.2
200043	2,934,676	2,934,676	2,896,304	2,872,544	3,013,976	3,013,976	2,934,676	RECEIVING	PARKING SE
$		0.290	0.880	1.541	0.280	1.490	0.160	0.100	0.410
FTE	17.0	22.0	53.0	31.0	17.4	17.0	13.0	8.0	20.0
%	4.9	5.3	16.0	27.8	5.4	28.2	3.0	1.8	7.6
200082	5,556,000	5,556,000	5,276,000	5,408,000	5,276,000	5,276,000	5,276,000	SECURITY P	
$		0.049	0.574	0.855	0.152	0.671	0.025	0.178	
FTE	43.5	4.0	64.0	64.0	21.0	37.0		29.0	
%	13.3	1.8	19.8	30.3	4.3	23.1	1.2	6.1	
************COMPREHENSIVE									
003235	404,821		404,821	403,225	404,821	404,821		SECURITY	
$			0.840	1.030	0.060	1.020		0.590	
FTE	3.0		7.5	23.5	6.0		7.5	15.0	
%	0.5		25.0	30.0	0.6	23.8	6.0	13.7	

APPA TABLE 3-8: PHYSICAL PLANT COSTS AND STAFFING DATA FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: EASTERN

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
650678	1,038,864	1,038,864	1,038,864	1,038,864	1,038,864	1,038,864	1,038,864		
$		0.030	0.430	0.890	0.180	1.500	0.130		
FTE	7.0		50.0		1.0		1.0		
%	0.1	0.0	0.1	0.3	0.1	0.4	0.1		
029099	1,123,491	1,123,491	1,123,491	456,229	1,393,920	1,123,491			
$		0.200	0.520	1.840	0.420	1.130			
FTE	5.0	4.0	10.0	25.0	10.0	13.0			
%	12.5	5.6	14.6	21.0	14.6	31.7			
002233	1,230,000	1,230,000	843,000	843,000	1,230,000	843,000	1,230,000		
$		0.090	1.310	1.100	0.330	0.280	0.050		
FTE	11.5	3.0	29.5	29.0	8.5	5.0	0.5		
%	21.9	3.0	30.3	25.6	11.0	6.5	1.7		
003404	1,349,404	1,349,404	1,349,404	1,349,404	1,349,404		1,349,000	SAFETY/SEC	WAREHOUSE
$		0.742	1.247	0.450	0.161		0.503	0.661	0.167
FTE	8.0	7.0	45.0	10.2	10.3		36.0	35.5	11.0
%	5.0	18.5	31.1	11.2	0.9		12.6	16.5	4.2
001422	1,922,687	1,922,687	1,922,687	1,872,269	1,922,687	1,922,687	2,850	TELECOMMUN	
$		0.030	0.910	1.250	0.060	0.350	116.020		
FTE	10.1	1.5	25.8	116.8	17.0	14.0	2.0	2.0	
%	7.7	0.8	27.0	36.3	8.8	10.4	5.1	3.9	
003238	1,983,253		1,983,253	1,983,253	1,983,253	1,983,253	1,983,253	UTILITIES	
$			0.764	0.977	0.325	0.275	0.060	1.230	
FTE	9.0		24.0	99.0	27.0	21.0	2.0		
%	4.3		20.1	25.8	8.6	7.1	1.6	32.5	
002806	3,069,590	3,069,590	3,069,590	2,787,390	3,069,590	3,069,590	3,069,590	TELECOMMUN	RECEIVING
$		0.076	0.816	1.162	0.289	0.625	0.037	0.437	0.091
FTE	15.5	5.0	34.0	108.5	15.0	28.0	2.0	6.5	8.0
%	4.0	1.3	14.0	18.0	4.9	10.7	0.6	7.5	1.6
200042	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	MAILROOM,S	SPECIAL EV
$		0.097	0.936	1.284	0.113	0.335		0.226	0.018
FTE	19.0	10.0	79.0	199.0	10.0	24.0		20.0	2.0
%	9.7	2.9	27.9	38.3	3.4	10.0		6.7	0.5

*************LIBERAL ARTS

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
002895									
$									
FTE									
%									
003243								BUILDINGS	DORMITORIE
$									
FTE									
%									

APPA TABLE 3-B: PHYSICAL PLANT COSTS AND STAFFING DATA FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: EASTERN

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
003274	1,164,000		1,164,000	640,000	1,164,000	974,000	1,164,000	ARBORETUM	
$			1.022	1.234	0.341	0.128	0.021	0.040	
FTE	5.5		21.0	28.0	11.0	2.0	1.0	1.0	
%									
003284	1,177,000		1,177,000	1,177,000	1,177,000	1,177,000			
$			1.933	1.026	0.327	0.210			
FTE	6.0		24.0	54.5	17.0	6.0			
%	8.7		20.5	26.8	8.5	5.5			
002078	1,186,718		1,186,718	1,186,718		1,186,718	600		
$			1.560	0.980		0.980			
FTE	5.0		22.0	60.0			3.0		
%	0.1		0.3	0.1		0.1			
001414	1,300,000		1,300,000	1,300,000	1,300,000	1,300,000			
$			0.350	0.880	0.200	0.040			
FTE	7.5		12.0	50.0	13.0	1.0			
%									
002038	1,345,943	1,345,943	1,345,943	1,000,974	1,345,943	1,201,000	11,345,943		
$		0.098	0.801	0.982	0.395	0.165	0.157		
FTE	11.0	2.0	19.0	46.0	16.0	6.0	2.0		
%	12.9	3.6	29.9	27.3	14.8	5.7	5.9		
003370	1,396,475	1,396,475	1,396,475	920,000	1,396,475	1,396,475			
$									
FTE									
%									
002829	1,600,000		1,600,000	1,600,000	1,600,000	1,200,000	1,600,000		
$			0.460	1.000	0.300	0.340	0.060		
FTE	13.0		16.0	63.0	9.0	7.0	1.0		
%									
002229	1,889,392	1,889,392	1,889,392	1,760,560	1,889,392	1,889,392		FUEL/PURCH	
$		0.046	1.169	1.000	0.388	0.174	0.048	0.962	
FTE	18.3	2.0	36.0	60.0	17.0	7.0	1.0		
%	11.3	1.1	27.8	22.2	9.3	4.1	1.2	23.0	
002192	1,953,192	1,953,192	1,953,192	1,777,441	1,953,192	1,777,441			
$		0.063	0.809	0.874	0.357	0.191			
FTE	6.3	2.5	34.0	60.7	19.7	7.0			
%									
002115	2,177,926	2,177,926	2,177,926	1,464,491	1,464,491	1,227,763	2,177,926	POST OFFIC	SECURITY
$		0.015	1.420	1.116	0.418	1.095	0.094	0.067	0.211
FTE	17.0	3.0	25.0	60.0	20.0	5.0	1.0	4.0	15.0
%	8.5	0.4	37.8	20.0	7.5	16.4	2.5	1.2	5.6

************2-YR., JR. OR TECH.

APPA TABLE 3-B: PHYSICAL PLANT COSTS AND STAFFING DATA FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: EASTERN

INST. ID.	ADMIN.	ARCH/ENG.	BUILDING AREA SERVED COST/GSF FTE % OF TOTAL PHYSICAL PLANT STAFF BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
003241	330,000		330,000	330,000	330,000	330,000		SET UPS	
$			0.900	0.900	0.170	0.180		0.100	
FTE	4.0		4.0	15.0	2.0	1.0		2.0	
%	11.0		34.0	34.0	7.0	8.0		4.0	
003360	435,000		435,000	435,000	435,000				
$			0.860	0.600	0.170				
FTE	3.0			20.0	4.1				
%	4.0		25.0	17.0	5.0				
002108	466,500		466,500	466,500	466,500	466,500	466,500		
$			1.340	0.780	0.210	1.070	0.060		
FTE	3.0		13.0	26.0	5.0		1.0		
%	10.0		34.0	20.0	5.5	30.5	0.1		
002146	639,000		639,000	580,000	639,000		639,000		
$			1.760	1.020	0.006		0.260		
FTE	4.0		13.0	32.5	0.5		4.0		
%	6.6		37.9	19.9	0.1		5.6		
003262	684,719		684,719	684,719	684,719	684,719	684,719	REC./DELIV	
$			1.244	0.963	0.273	0.349	0.163	0.066	
FTE	2.0		11.0	32.0	7.0	3.5	1.5	1.0	
%	3.2		39.3	30.5	8.6	11.1	5.2	2.1	
003293	743,022		743,022	743,022	743,022				
$									
FTE	3.0		12.0	33.0	5.0				
%	12.6								
003301	750,000		750,000	750,000	750,000				
$			1.099	1.064	0.508				
FTE	4.7		15.7	37.5	15.0				
%	4.8		28.1	27.2	13.0				
003385	754,000	754,000	754,000	742,000	754,000	557,000	754,000	SPECIAL EV	
$		0.063	1.039	0.747	0.204	0.176	0.032	0.119	
FTE	7.6	1.0	17.0		6.9	1.0		4.0	
%	7.8	1.2	24.9	17.6	4.9	3.1	0.8	2.8	
003368	874,595		874,595	874,595	874,595	874,595			
$			1.390	0.041	0.150	0.230			
FTE	4.5		7.0	27.0	4.0	5.0			
%	5.7		55.8	16.1	6.0	9.0			
003298	1,018,085		1,018,085	1,018,085	1,018,085		1,018,085	SHIPPING/R	
$			0.093	0.710	0.300		0.090	0.020	
FTE	2.5		19.9	44.3	8.2		2.0	1.0	
%	3.5		44.0	33.5	14.0		4.1	0.9	
002039	1,089,370	1,089,370	1,089,370	1,089,370	1,089,370	1,089,370			
$		0.033	1.070	1.066	0.414	0.146			
FTE	5.0	1.0	19.5	55.0	13.0	5.5			
%	7.2	1.7	36.4	36.2	14.1	5.0			

APPA TABLE 3-B: PHYSICAL PLANT COSTS AND STAFFING DATA FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: EASTERN

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
003366									
$									
FTE									
%									

*************PROFESSIONAL/SPECIALIZED

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
200010	100,000		60,000	60,000	20,000	80,000			
$			7.400	1.950	2.500	1.500			
FTE	1.0		10.0	6.0	3.0	1.5			
%	0.1		63.8	16.9	7.2	17.3			
002784	500,000	500,000	500,000	500,000	500,000	500,000	500,000	COMMUNICAT	RECEIVING
$		0.200	1.300	0.840	0.200	0.640	0.200	0.373	0.120
FTE	5.0	2.0	12.0	20.0	3.0	5.0			3.0
%	12.7	1.5	9.6	6.2	1.5		1.5	2.7	0.9
002639	1,178,788	1,178,788	1,178,788	478,880	1,178,788	1,178,788	1,178,788		
$		0.142	0.628	1.262	0.099	1.258	0.062		
FTE	5.0	3.0	24.0	30.0	10.0	19.0	2.0		
%	5.9	6.2	27.6	22.5	8.7	26.4	2.7		
100816	1,500,000	1,500,000	1,500,000			1,500,000			
$		0.185	3.843			5.500			
FTE	21.3	5.0	109.4			0.0			
%	4.8	1.9	38.4			55.0			
003278	3,272,241	3,272,241	3,272,241	1,846,867	3,272,241			CONSTRUCTI	
$		0.230	2.080	1.470				0.090	
FTE	11.0	18.0	137.0	120.0				5.0	
%	3.0	7.0	63.0	25.0				2.0	

MIDWEST

*************RESEARCH

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
001691	1,618,488		1,618,488	942,991	2,763,947	2,763,947			
$			0.749	0.788	0.090	2.010			
FTE	92.9		347.7	213.0					
%	6.2		16.9	11.7	2.7	42.2			
001739	7,805,804	7,805,804	7,805,804	5,741,000	7,805,804	7,805,804	7,805,804	REFUSE	
$		0.032	1.921	0.858	0.203	0.568	0.011	0.094	
FTE	19.0	5.0	116.0	99.0	29.4	26.0	2.0		
%	2.9	0.9	53.9	17.7	5.7	16.0	0.3	2.6	
002290	10,304,985	10,304,985	10,304,985	9,484,480	10,304,985	17,451,200		AUTOMOTIVE	TELECOMMUN
$		0.035	0.637	0.608	0.197	0.765			
FTE	4.0	34.0	213.0	274.0	71.0	45.0		29.0	25.0
%	1.5	1.3	23.1	20.2	7.1	46.8			

*************DOCTORATE GRANTING

APPA TABLE 3-B: PHYSICAL PLANT COSTS AND STAFFING DATA FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: MIDWEST

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
003863	3,302,819	3,302,819	1,894,331	1,894,331	3,302,819	1,894,331	3,302,819	MOVING SER	
$		0.068	0.789	0.815	0.146	0.103	0.021	0.046	
FTE	7.0	6.5	45.0	71.7	9.5	21.0	1.0	5.0	
%	4.6	3.1	20.7	21.4	6.7	2.7	2.0	1.0	
************COMPREHENSIVE									
003868	511,000		511,000	511,000	511,000				
$			0.993	0.619	0.136				
FTE	2.0		6.0	14.0	1.5				
%	4.1		24.6	15.3	3.4				
002354	792,808		792,808	762,808	762,808	792,808			
$			0.681	0.723	0.258	0.386			
FTE	3.5		3.3		4.8	6.0			
%	3.9		21.0	21.5	7.6	11.9			
009058	831,000		831,000	831,000	831,000	831,000			
$			0.576	0.612	0.122	0.167			
FTE	2.1		12.5	24.0	3.9	2.5			
%	2.8		17.4	18.5	3.7	5.0			
003892	841,865	841,865	841,865	841,865	841,865	841,865	841,865	CORRECTIVE	
$		0.040	0.360	0.690	0.220	0.490	0.060	0.040	
FTE	3.5	0.0	9.8	29.4	8.2	7.9	1.0	0.0	
%	5.4	1.9	14.8	29.0	9.1	20.5	2.7	16.7	
003144	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000	1,200,000		SPECIAL EQ	
$			0.684	0.700	0.210	0.791		0.030	
FTE	11.0		17.0	27.0	7.0				
%									
001641	1,418,639		1,418,639	1,418,639	1,418,639	1,418,639		MAILROOM	
$			1.590	1.060	0.210	0.380	0.040	0.060	
FTE	18.0		29.5	75.0	9.3	9.5	0.3	4.0	
%	5.0		45.2	30.1	5.8	10.9	1.3	1.8	
************LIBERAL ARTS									
001826	227,253		227,253	207,337	227,253	227,253	227,253	POLICE/SAF	SHIPPING &
$			0.461	0.974	0.367	0.598	0.132	0.767	0.088
FTE	2.0		3.5	11.5	5.0	3.5	1.0	8.0	1.0
%	10.5		12.6	24.2	10.0	15.8	3.6	20.9	2.4
003041	340,452		340,452	340,452	340,452			MAJOR IMPR	
$			0.770	0.490	0.170			0.340	
FTE	2.7		7.5		4.5				
%	56.5		23.7	14.8	5.2			10.5	
001859	410,000		410,000	410,000	410,000	363,200			
$			0.795	0.537	0.199	0.034			
FTE	1.0		6.0	17.3	4.2	0.5			
%	5.5		48.1	32.5	12.1	1.8			

APPA TABLE 3-B: PHYSICAL PLANT COSTS AND STAFFING DATA FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: MIDWEST

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
003142	450,000		450,000	450,000	450,000		450,000		
$			0.760	0.240	0.060		0.060		
FTE	2.0		7.5	12.4	2.0		0.5		
%									
002239	516,624	516,624	516,624	516,624	516,624	516,624	516,624		
$		0.197	1.202	0.497	0.264	0.392	0.145		
FTE	3.7	0.0	10.0	16.0	6.5	1.0	1.0		
%	0.7	7.3	44.1	18.2	9.7	14.4	5.3		
001850	706,670		706,670	706,670	706,670		706,670		
$			1.230	0.756	0.225		0.214		
FTE	2.0		10.0	36.3	4.0				
%	3.2		37.9	26.0	6.9		6.5		
003835	961,832		961,832	864,055	961,832	869,100			
$			0.432	0.450	0.791	0.832			
FTE	6.0		14.0	19.7	4.3	1.0			
%	10.7		21.4	20.0	3.9	37.2			
002358	975,000		975,000	975,000	1,089,000	922,179			
$			1.050	0.680	0.170	0.480			
FTE	3.5		7.0	40.0	3.0	10.0	1.0		
%	2.0		43.2	27.9	7.8	18.8	0.3		
002346	1,155,221	1,141,721	1,141,721	1,141,721	1,141,721	988,472			
$		0.031	0.404	0.752	0.172	0.251			
FTE	5.3	2.2	17.8	44.5	7.6	5.4			
%									
002353	1,195,249		1,195,249	1,195,249	10,454,400				
$			1.160	1.730	36.430				
FTE	4.0		12.0	60.0	7.0		1.0		
%									
001788	1,300,000		1,300,000	1,300,000		494,000		EXTERMINAT	TRASH REMO
$			0.605	0.577	0.020	0.178		0.011	0.030
FTE	7.0		19.0	47.0	7.0				
%	7.0		23.1	22.0	6.6	2.4		0.4	1.1
003143	1,384,498		1,384,498	1,159,347	1,384,498	1,159,347			
$			0.926	0.795	0.171	0.199			
FTE	6.0		14.0	46.0	6.0	5.0			
%	12.7		28.2	20.2	5.2	28.4			
001781	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000	1,400,000		
$		0.071	1.187	0.790	0.185	1.180	0.166		
FTE	8.0	2.0	32.4	51.5	9.0		3.5		
%	5.7	1.9	31.3	20.8	4.9	31.1	4.4		

************2-YR., JR. OR TECH.

APPA TABLE 3-B: PHYSICAL PLANT COSTS AND STAFFING DATA FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: MIDWEST

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
002236	714,550		714,550	599,341	714,550			SECURITY	COMMUNICAT
$			0.754	0.979	0.263			0.169	0.052
FTE	2.5		11.0	25.0	5.0			3.7	2.5
%	7.8		31.2	41.2	10.8			6.9	2.7
*************PROFESSIONAL/SPECIALIZED									
001753	266,400		266,400	266,400		266,400			
$			0.676	1.824		0.732			
FTE	4.5		4.0	24.0		3.0			
%	19.6		16.8	45.4		18.2			
PACIFIC									
*************RESEARCH									
001328	5,523,700	5,523,700	5,523,700	5,523,700	5,523,700	5,523,700	5,523,700		
$		0.090	1.360	1.080	0.410	0.370	0.040		
FTE	45.0	9.0	182.0	286.0	52.0	25.0	3.0		
%	10.9	2.4	36.1	28.7	10.8	10.0	1.1		
*************DOCTORATE GRANTING									
001169	3,237,585	3,237,585	3,237,585	3,237,585	13,764,960				
$			1.523	0.941	0.087				
FTE	33.3		76.5	139.0	48.0				
%	9.8		48.5	30.0	11.7				
*************COMPREHENSIVE									
001117	448,796		448,796	448,796	448,796	448,796	448,796		
$			0.913	0.600	0.420		0.215		
FTE	2.0		6.5	11.0	7.0		1.5		
%	7.0		39.5	26.0	18.2		9.3		
003788	814,722	814,722	814,722	814,722	814,722	814,722	814,722		
$		0.137	1.231	0.611	0.268	0.830	0.099		
FTE	8.0	4.0	17.0	22.0	8.0		1.0		
%	8.2	4.0	35.6	17.7	7.7	24.0	2.9		
011649	1,100,287	1,100,287	1,100,287	1,000,000	497,226	171,475	182,266		
$		0.260	1.180	2.180					
FTE	11.0	7.0	23.0	49.0	12.0	2.0	3.0		
%									
003797	1,153,292		1,153,292	954,703	1,153,292	753,655	1,153,703		
$			1.380	1.100	0.220	0.140	0.051		
FTE	8.0		20.0	44.4	9.6	3.0			
%	6.6		48.7	32.0	7.6	3.3	1.8		

*************LIBERAL ARTS

APPA TABLE 3-B: PHYSICAL PLANT COSTS AND STAFFING DATA FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: PACIFIC

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
003198									
$									
FTE	5.0		22.0	10.0	3.0				
%									
003217	652,221		652,221	652,221	652,221	652,221			
$			1.150	1.360	0.020	68.000			
FTE	2.0		11.0	29.0	3.0	1.0			
%	4.0		32.7	38.6	5.3	19.4			
001322	867,814		867,814	771,570	867,814		961		
$			2.260	0.041					
FTE	3.4		17.7		13.6		1.0		
%	3.7		83.3		11.4		1.6		
001249	998,963	998,963	998,963	966,098	984,456	998,963	998,963		
$		0.232	0.376	2.278	0.724	0.558	0.152		
FTE	7.5	2.0	8.9	53.0	24.8	13.8	2.0		
%	5.4	5.4	8.8	51.4	16.8	13.1	3.5		
************2-YR., JR. OR TECH.									
001341	1,000	500	5,000	3,500	2,000		1,000		
$									
FTE									
%									
001173	1,150,000	1,150,000	1,150,000	1,150,000	1,150,000				
$		0.070	1.240	0.960	0.480				
FTE	2.5	1.0	2.9	48.0	17.0				
%									
001625	1,328,930	1,328,930	1,328,930	1,328,930	1,328,930	1,328,930	1,328,930	ECOM	
$		0.016	0.747	0.640	0.327	0.125	0.109	0.105	
FTE	6.0	0.5	30.5	60.0	22.3	6.5	4.5	5.5	
%	8.4	0.7	33.1	28.3	14.5	5.6	4.8	4.6	
************PROFESSIONAL/SPECIALIZED									
001135	98,000		98,000			98,000		SECURITY	COMMUNICAT
$			1.590			1.460		1.290	1.360
FTE	1.0		2.0					5.0	2.0
%									
004882	2,531,000	2,531,000	2,531,000	900,453		2,531,000	2,531,000	DELIVERY	SECURITY
$		0.209	0.447	0.850		0.241	0.240	0.045	0.368
FTE	10.5	20.0	70.5	7.5	17.0	10.0	2.0	19.3	27.0
%									

ROCKY MTN.

************COMPREHENSIVE

APPA TABLE 3-B: PHYSICAL PLANT COSTS AND STAFFING DATA FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: ROCKY MTN.

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
			BUILDING AREA SERVED COST/GSF FTE % OF TOTAL PHYSICAL PLANT STAFF						
002531	592,464	592,464	449,695	449,695	449,695	592,464	592,464		
$		0.050	0.760	0.391	0.170	0.100			
FTE	2.7	1.0	7.5	1.0	3.0	4.0			
%	55.3	2.0	31.0	16.0	6.0	4.0			
*************LIBERAL ARTS									
001347	1,181,691		1,181,691	1,181,691	1,181,691	1,181,691	1,181,691	SECURITY	
$			0.500	0.365	0.228	0.689	0.106	0.142	
FTE	7.8		15.5		21.0	11.0	3.5	21.0	
%	22.9		19.0	13.8	8.7	26.2	4.0	5.4	
*************PROFESSIONAL/SPECIALIZED									
001070	325,000		325,000	325,000	325,000			SECURITY	
$			0.360	0.501	0.385			0.363	
FTE	5.0		6.0	19.0	8.0			8.0	
%	0.0		0.3	0.1	0.1			0.0	
SOUTHEASTERN									
*************RESEARCH									
003535	8,137,094		8,137,094	4,630,004	8,137,094	8,137,094	8,137,094	MAIL SERVI	PRINTING S
$			1.318	0.861	0.120	0.157	0.011	0.076	0.297
FTE	35.6		167.0	210.4	49.0	27.0	2.0	16.2	37.4
%	7.2		50.2	18.7	4.6	6.0	0.4	1.6	11.3
*************DOCTORATE GRANTING									
002978	1,800,000	1,800,000	1,800,000	1,800,000	1,940,000	1,735,000	1,800,000	CONST MGT/	SAFETY TRA
$		0.030	0.810	0.775	0.271	0.086	0.048	0.880	0.016
FTE	10.4	1.0	45.0	74.0	21.5	7.0	4.0	9.0	1.0
%	3.3	0.6	15.4	14.8	5.6	0.1	0.9	2.2	0.3
*************COMPREHENSIVE									
001556	450,782		450,782	450,782					
$			0.460	0.370					
FTE	2.0		6.0	13.0	2.0				
%	6.7		22.8	18.3					
001479	635,805	635,805	635,805	635,805	635,805		635,805		
$		0.008	1.419	0.955	0.589		0.159		
FTE	10.3	0.6	30.4		19.3		2.2		
%	11.1	0.2	40.2	27.0	16.7		4.8		
002927	810,000		810,000	810,000	810,000	810,000			
$			0.860	1.044	0.631	0.293			
FTE	2.0		14.0	46.5	11.0	4.0			
%	5.3		28.8	34.9	21.1	9.8			

APPA TABLE 3-B: PHYSICAL PLANT COSTS AND STAFFING DATA FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: SOUTHEASTERN

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
003744	1,914,599	1,914,599	1,914,599	1,914,599	1,914,599	1,914,599	1,914,599	WAREHOUSE	
$		0.027	0.774	0.636	0.369	0.198	0.043	0.026	
FTE	8.0	4.0	45.0	87.0	22.0	6.0	2.0	3.0	
%	5.1	0.8	23.0	24.4	11.0	5.9	1.2	0.7	
************LIBERAL ARTS									
002941				437,978	437,978				
$									
FTE	7.0		11.0	23.0	7.0		1.0		
%	7.0	8.0	8.0	11.0	11.0		10.0		
002960	41,409		480,956	480,956	480,956			FIRE PROTE	INSURANCE
$			0.986	1.028	0.488	0.816		0.014	0.114
FTE	2.0		9.0	24.0	8.0				
%	3.5		27.3	4.1		22.7		0.3	3.1
002955	456,694	456,694	456,694	456,694	456,694	456,694	456,694		
$		0.140	0.674	0.390	0.330	1.360	0.070		
FTE	0.5	0.5		10.0	3.0	2.5	0.5		
%	5.0	5.0	17.1	13.5	10.5	46.0	3.0		
001487	519,434		519,434	519,434	519,434			TELEPHONE	POSTAL SVC
$			1.450	0.990	0.520			0.130	0.130
FTE	2.0		16.0	23.0	10.0			3.0	3.0
%	29.0		32.0	22.0	11.0			3.0	3.0
002414	563,800		563,800	563,800	563,800				
$			0.787	0.515	0.391				
FTE	2.0		12.0	19.2	9.5				
%	6.6		43.4	28.4	21.6				
001964	577,025		577,025	577,025				CAMPUS SAF	
$			0.397	0.637				0.143	
FTE	2.0		13.0	21.0				4.5	
%	7.6		31.2	50.0				11.2	
003768	1,116,338		1,116,338	819,241	1,116,338	1,116,338			
$			0.926	0.666	0.339	0.157			
FTE	6.0		31.0	36.0	15.0				
%	9.6		42.4	22.3	15.5	7.2			
003434	1,251,498	1,251,498	1,251,498	515,688	1,251,498	1,251,498	1,251,498	STORES	
$		0.025	0.894	1.253	0.692	1.315	0.283	0.061	
FTE	6.0	1.0	25.0	29.5	25.0	1.0	4.0	2.0	
%	6.6	0.5	22.1	12.7	17.1	32.5	7.0	1.5	
************2-YR., JR. OR TECH.									
009629									
$									
FTE									
%									

APPA TABLE 3-B: PHYSICAL PLANT COSTS AND STAFFING DATA FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and ADMIN. GSF reported

REGION: SOUTHEASTERN

BUILDING AREA SERVED
COST/GSF
FTE
% OF TOTAL PHYSICAL PLANT STAFF

INST. ID.	ADMIN.	ARCH/ENG.	BLD. MNT.	CUST.	GROUNDS	UTILS	MTR. POOL	OTHER	OTHER
*************PROFESSIONAL/SPECIALIZED									
008419	264,374		264,374	264,374	264,374	264,374			
$			0.460	0.680	0.313	1.400			
FTE	3.5		1.0	11.0	0.5				
%	17.0		13.0	19.0	9.0	40.0			
001982	1,082,882		1,082,882	350,000	1,082,882	1,082,882		SECURITY	
$			0.510	0.910	0.281	0.770		0.050	
FTE	5.5		22.5	24.5	9.8	5.8		5.5	
%	5.3		25.3	14.6	14.0	38.3		2.5	
OTHER									
*************DOCTORATE GRANTING									
200920	155,482		48,904		3,787,520				
$									
FTE									
%									

WAGES AND UNION AFFILIATIONS

Table 4-A
Public Institutions by Region 161
  Central *161*
  Eastern *164*
  Midwest *167*
  Pacific Coast *171*
  Rocky Mountain *173*
  Southeastern *175*
  Australasian/Other *179*

Table 4-B
Non-Public Institutions by Region 180
  Central *180*
  Eastern *181*
  Midwest *185*
  Pacific Coast *187*
  Rocky Mountain *189*
  Southeastern *189*
  Other *191*

APPA TABLE 4-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOP PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: CENTRAL

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID.	GSF	PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT- ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
CENTRAL																		
************RESEARCH																		
001108	5,452,056																	
$$		50,133	44,235	44,235	19,422	18,200	16,068	15,068	16,068	16.068	8,314	8,944	8,944	16,068	18,200	9,230		16,068
UNION?		no	no	no	no	no	no	no	no	no	no	no	no	no	no	no		no
003184	7,642,359																	
$$		68,600	53,200	40,232	40,388	35,360	25,355	27,248	23,379	21,611	17,306	14,190	10,816	28,330	27,696	17,306		
UNION?		no	no	no	no	no	no	no	no	no	no	no	no	no	no	no		
002516	9,149,556																	
$$		59,552	41,597	38,282	36,397	23,544	21,258	21,258	20,114	18,970	12,317	14,123	12,771	21,861	24,978	14,248	17,763	19,094
UNION?		no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	no	no	no	yes	yes
002565	9,471,159																	
$$		66,000		41,000	39,000	32,930	29,900	28,900	22,700	22,700		12,400	10,475	28,800	41,000	11,400	16,600	31,400
UNION?		no		no	no	no	no	no	no	no		no	no	no	no	no	no	no
003658	13,217,732																	
$$		55,000	50,000	40,032	37,452	24,228	18,540	18,540	17,352	16,812	10,740	10,740	11,064	18,540	25,028	13,584	14,004	18,540
UNION?		no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
010366	13,960,800																	
$$		75,000	62,000	50,000	44,500	20,056	18,124	16,334	16,370	15,328	9,271	9,271	9,271	18,751		11,714	11,714	12,946
UNION?		no	no	no	no	no	no	no	no	no	no	no	no	no		no	no	no
************DOCTORATE GRANTING																		
003549	430,457																	
$$					22,688	19,000	19,906	13,500	18,304	21,120	19,574	10,036	3,792	31,680			5,864	
UNION?					no	no	no	no	no	no	no	no	no	no			no	
003463	1,304,490																	
$$				34,000	34,000	24,000	28,000	30,000	23,000	23,000	11,500		11,500	31,000		15,000		
UNION?				no	no	no	no	no	no	no	no		no	yes		no		
010300	1,860,179																	
$$		42,000	33,000		16,000	16,000	14,500	14,500	14,500	13,104	9,194	9,194	8,508	14,500	16,932	10,000	13,104	16,932
UNION?		no	no		no	no	no	no	no	no	no	no	no	no	no	no	no	no
003471	2,631,486																	
$$		25,000	23,088	28,000	25,000	16,332	13,104	13,104	13,104	13,104	9,194	9,134	8,509	16,332	16,332	10,879	13,104	16,332
UNION?		no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
009265	2,965,796																	
$$		32,202	26,000	20,000			21,400	21,400	19,000	15,000	18,000	13,000	11,211	21,400		12,200		
UNION?																		
003606	3,599,710																	
$$		38,808	31,860		28,848	18,252	17,160	17,160	17,160	16,092	11,998	11,304	11,998	17,160		13,428	16,092	17,160
UNION?		no	no		no	no	no	no	no	no	no	no	no	no		no	no	no
003656	3,687,903																	
$$		48,000	36,000	30,624	30,300	24,228	21,204	20,496	19,836	19,164	12,804	10,440	11,376	19,836	24,229	13,176	14,004	17,352
UNION?		no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
003005	4,688,594																	
$$		29,000	25,000	19,000	19,600		15,348	15,348	14,628	13,344	12,192		10,688	15,348	17.588	11,160	13,944	23,700
UNION?		no	no	no	no		no	no	no	no	no		no	no	no	no	no	no

APPA TABLE 4-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: CENTRAL

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID. PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	GSF ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT- ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
003652		5,867,462														
$$ 60,000	50,000	40,000	40,000	30,000	22,000	22,000	20,000	20,000	13,000	12,000	12,000	22,000	24,000	16,000	22,000	22,000
UNION? no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
001928		6,126,130														
$$ 57,000	45,192	43,176	31,092	22,644	17,748	17,748	17,748	17,748	11,988	11,436	12,600	18,636	21,564	15,234	15,234	18,636
UNION? no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
003644		6,315,936														
$$ 76,000	61,226	44,199	38,910	19,404	16,944	15,840	14,808	13,836	8,604	8,604	8,604	16,944	19,404	9,852	11,292	16,944
UNION? no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
************COMPREHENSIVE																
003459		638,629														
$$ 35,000	20,000		18,000	18,000	17,500	16,500	14,000	12,000	12,000	11,000	8,500	17,500	16,000	10,000	13,000	15,000
UNION?																
003466		742,334														
$$ 36,000	21,000				13,108	13,108	13,108	13,108	9,300		8,900					
UNION? no	no				no	no	no	no	no		no					
001085		765,000														
$$																
UNION?																
010115		1,202,723														
$$ 50,000	40,000	36,000	30,000	19,800	17,940	17,940	17,940	17,940	12,420	10,440	10,140	19,164		14,856	15,804	
UNION? no	no	no	no	no	no	no	no	no	no	no	no	no		no	no	
003161		1,388,376														
$$ 43,092	31,656	19,008	27,096	26,016	26,338				13,600	13,600						
UNION? no	no	no	no	no	no				no	no						
001926		1,495,056														
$$	27,528		22,644	22,644	18,636	18,636	18,636	18,636	13,236		12,600	18,636		16,920	15,324	
UNION?	no		no	no	yes	yes	yes	yes	yes		yes	yes		no	yes	
001927		1,558,718														
$$ 35,000	27,528	27,528		22,644	17,748	17,748	17,748	17,748	13,236	11,436	12,600	20,544		16,920	15,324	
UNION? no	no	no		no	no	yes	yes	yes	yes	yes	yes	yes		no	yes	
003639		1,762,000														
$$ 40,000	30,000	40,000	25,000	17,500	16,000	16,000	15,000	15,000	9,000	8,500	9,000	15,000		10,000	12,000	15,000
UNION? no	no	no	no	no	no	no	no	no	no	no	no	no		no	no	no
002501		2,006,303														
$$ 40,600	27,000		26,000	24,000	21,216	21,216	20,758	20,529	10,337	13,281	14,310	21,216		11,500		22,200
UNION? no	no		no	no	yes	yes	yes	yes	yes	yes	yes	yes		no		no
002554		2,025,412														
$$ 64,800	55,000	38,500	42,250	32,000	16,347	17,982	17,382	16,347	10,999	10,477	10,999	16,347		12,245	14,997	
UNION? no	no	no	no	no	no	no	no	no	no	no	no	no		no	no	
003665		2,156,262														
$$ 46,272	32,400		20,388	19,104	15,304	15,324	15,324	15,324	12,828		12,396	15,324		11,448		
UNION? no	no		no	no	no	no	no	no	no		no	no		no		
001950		2,217,230														
$$ 63,500	52,000	43,000	27,528	22,644	20,544	20,544	20,544	17,748	13,236	11,436	12,600	20,544	27,528	15,324	15,324	18,636
UNION?																

APPA TABLE 4-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: CENTRAL

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID.	GSF	PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC-TRICIAN	PLUM-BER	CARP-ENTER	PAINT-ER	GROUNDS KEEPER	LABORER	CUSTO-DIAN	HVAC TECHN.	PROG-RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
003624	2,867,058																	
$$		45,000	36,000	35,000	35,000	22,000	17,000	17,000	14,000	13,000	10,000	9,000	10,000	17,500	16,000	12,000	10,000	16,000
UNION?																		
002200	3,093,424																	
$$		40,523	34,137		24,869	19,691	12,687	12,687	12,687	12,687	9,390	11,092	9,390	13,593		8,970	9,990	11,911
UNION?		no	no		no	no	yes	yes	yes	yes	yes	yes	yes	yes		no	yes	yes

************LIBERAL ARTS

INST. ID.	GSF	PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC-TRICIAN	PLUM-BER	CARP-ENTER	PAINT-ER	GROUNDS KEEPER	LABORER	CUSTO-DIAN	HVAC TECHN.	PROG-RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
003534	3,882,293																	
$$		55,500	42,500	42,500	42,500	24,132	19,800	19,800	19,800	17,952	13,596	11,436	11,436	19,800	32,508	14,448	17,376	20,460
UNION?		no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no

************2-YR., JR. OR TECH.

INST. ID.	GSF	PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC-TRICIAN	PLUM-BER	CARP-ENTER	PAINT-ER	GROUNDS KEEPER	LABORER	CUSTO-DIAN	HVAC TECHN.	PROG-RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
003539	343,343																	
$$		41,000		32,948	21,218	21,218	19,971	19,971	19,971	19,971	12,532		12,532	21,218	21,218	16,667		
UNION?		no		no	no	no	no	no	no	no	no		no	no	no	no		
007857	359,000																	
$$		26,500									14,040	13,320	13,320				14,040	
UNION?		no									no	no	no				no	
002470	535,000																	
$$		39,500	30,500		26,500						18,490		12,000	29,785		25,000	28,100	20,675
UNION?		no	no		no						yes		yes	yes		yes	yes	yes
008244	568,357																	
$$		52,950	42,900		28,800	29,432	24,336	24,336	24,336	24,336	20,072	11,336	15,080	24,336		14,144		
UNION?																		
010387	690,531																	
$$		38,538	34,661		24,635	16,440	16,440	16,440	16,440	16,440	10,714	12,396		16,440		15,792		
UNION?		no	no		no	no	no	no	no	no	no	no		no		no		

************PROFESSIONAL/SPECIALIZED

INST. ID.	GSF	PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC-TRICIAN	PLUM-BER	CARP-ENTER	PAINT-ER	GROUNDS KEEPER	LABORER	CUSTO-DIAN	HVAC TECHN.	PROG-RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
005889	1,377,299																	
$$		55,000	45,000	35,000		30,000	24,000	24,000	22,000	21,000	14,000	14,000		24,000		14,000		24,000
UNION?		no	no	no		no	no	no	no	no	no	no		no		no		no
003659	1,707,772																	
$$		60,000	40,000	40,000	31,680	22,656	18,540	18,540	18,540	18,540	12,420	10,140	10,740	16,296	20,496	14,004	18,540	16,812
UNION?																		
006895	2,212,738																	
$$				32,237	35,783	27,234	20,372	18,689	18,689	17,148	12,840	10,791	11,428	18,689		13,740	17,148	
UNION?				no	no	no	no	no	no	no	no	no	no	no		no	no	
011618	2,507,085																	
$$		70,000	60,000	55,000	42,000	23,436	21,204	20,496	20,496	17,940		16,812		20,496		16,296	15,312	29,680
UNION?		no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
004605	2,763,498																	
$$		55,600	40,000			27,500	20,544	20,544	20,544	17,748	11,988	13,236	11,436	20,544	25,000	15,324	15,324	20,544
UNION?		no	no			no	yes	yes	yes	yes	yes	yes	yes	yes	no	no	yes	yes

EASTERN

APPA TABLE 4-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: EASTERN

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID.	GSF	PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC-TRICIAN	PLUM-BER	CARP-ENTER	PAINT-ER	GROUNDS KEEPER	LABORER	CUSTO-DIAN	HVAC TECHN.	PROG-RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
************RESEARCH																		
003696	3,813,101																	
$$		33,554	27,938	27,938	24,283	19,634	19,365	19,365	17,122	15,146	12,668		12,258	19,634	19,634	15,146	14,230	19,634
UNION?		no	no	no	no	no	no	no	no	no	no		no	no	no	no	no	no
002588	4,026,280																	
$$		52,300	39,010	37,140	35,500	25,500	20,050	19,190	19,190	18,250	13,790	13,790	13,120	20,050	23,080	16,600	15,120	27,020
UNION?		no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
200098	4,641,460																	
$$		83,345	77,168	60,409	55,934	49,294	42,037	42,037	41,683	39,041	27,788	26,707	26,042	41,683	30,243	23,582	28,808	35,036
UNION?		no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	no	yes	yes	yes
200016	4,704,222																	
$$							32,386	32,385	29,494	29,494	27,376	24,232	22,859	32,386			26,853	32,386
UNION?							yes	yes	yes	yes	yes	yes	yes	yes			yes	yes
200078	4,940,182																	
$$						42,000	33,137	33,137	33,137	30,965	24,889	24,304	24,346	33,137		18,302	27,395	24,545
UNION?						no	yes	yes	yes	yes	yes	yes	yes	yes		yes	yes	yes
029013	5,859,000																	
$$		75,000	59,000	45,000	37,000	31,000	23,000	23,000	23,000	23,000	20,000	17,000	17,000	23,000		19,000	17,000	
UNION?		no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes		yes	yes	
200039	5,989,742																	
$$		75,000		55,000	58,000	50,000	33,600	33,600	30,500	30,000	25,000	26,000	24,000	26,000		18,000	26,000	26,000
UNION?		no		no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes		yes	yes	yes
009554	8,153,490																	
$$		60,000	45,000	42,000	30,532	25,786	22,952	22,952	22,952	22,952	16,335	16,335	15,440	22,952	30,000	16,335	22,952	25,786
UNION?		no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
002103	9,517,642																	
$$		70,000	60,000	55,000	47,990	28,940	19,973	19,973	18,554	18,554	11,850	11,850	11,850	21,500	36,464	15,100	16,091	21,500
UNION?																		
002711	11,200,000																	
$$		63,000	55,000	47,000	44,000	37,000	33,000	33,000	32,000	32,000	23,000	19,000	12,000	33,000	26,000	16,000	21,000	33,000
UNION?		no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	no	no	no	yes	yes
006965	12,479,328																	
$$		75,000	65,000	51,500	59,900	38,000	29,000	27,000	24,000	20,000	20,000	19,000	19,000	27,000		17,300	20,000	27,000
UNION?		no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes		no	yes	yes
006964	13,158,043																	
$$		78,750	71,799	73,500	62,028	22,955	20,843	20,843	20,843	20,843	14,849		13,478	21,881	38,443	16,364	20,843	
UNION?		no	no	no	no	no	yes	yes	yes	yes	yes		yes	yes	no	yes	yes	
************DOCTORATE GRANTING																		
003325	1,600,000																	
$$		50,000	33,000	33,000		19,462	16,117	16,117	16,117	16,117	13,594	13,164	11,466	16,117		16,333	16,117	16,117
UNION?		no	no	no		yes	yes	yes	yes	yes	yes	yes	yes	yes		yes	yes	yes
008810	2,709,064																	
$$		34,589			25,642	18,543	16,117	16,117	16,117	16,117	12,186	12,186	12,186	16,117		14,025	14,025	16,117
UNION?		no			no	yes	yes	yes	yes	yes	yes	yes	yes	yes		yes	yes	yes

APPA TABLE 4-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOP PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: EASTERN

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID.	GSF	PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT- ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
200091	4,940,000																	
$$		80,000	55,000	48,020	48,020	42,690	36,818	36,818	34,320	31,284	25,418		25,376			18,173		
UNION?		no	no	no	no	no	yes	yes	yes	yes	yes		yes			no		
002221	6,440,995																	
$$		65,000	55,000	50,000	55,000	35,000	28,000	28,000	23,000	20,000	20,000	15,000	15,000	35,000	35,000	15,000		19,000
UNION?		no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes		yes
************COMPREHENSIVE																		
003324	1,201,194																	
$$		42,000	31,000		26,000	17,100	17,500	16,500	16,500	16,500	15,400	15,200	16,100	17,500	17,500	15,900	16,900	16,900
UNION?		no	no		no	no	no	no	no	no	no	no	no	no	no	no	no	no
003315	1,753,616																	
$$		40,384	34,589			25,642	16,117	16,117	16,117	16,117	12,186	12,186	12,186	16,117	21,320	16,117		
UNION?		no	no			no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes		
003328	2,087,980																	
$$		39,589	29,674		25,642	18,543	16,117	16,117	16,117	16,117	12,186	12,186	12,186	16,117		14,023	14,023	16,117
UNION?		no	no		no	yes	yes	yes	yes	yes	yes	yes	yes	yes		yes	yes	yes
200045	2,278,020																	
$$		74,000	66,000	25,126	56,000	34,500	30,800	30,800	28,300		24,700	22,200	20,000			19,000	22,200	30,800
UNION?		no	no		no	no	yes	yes	yes		yes	yes	yes				yes	yes
002099	2,649,999																	
$$		53,000	45,000	38,400	40,000	27,576	19,973	19,973	18,554	18.554	11,128	10,555	7,592	18,554	19,091	15,100	15,100	29,000
UNION?		no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
************LIBERAL ARTS																		
003683	452,598																	
$$		30,000			22,000	20,000							10,000	15,500		16,000		
UNION?		no			no	no							yes	yes		no		
200690	1,000,000																	
$$		80,000	50,000		46,000		31,200	31,200	31,200	29,000	24,500		24,000			22,000		
UNION?		no	no		no		yes	yes	yes	yes	yes		yes			no		
************2-YR., JR. OR TECH.																		
009994	200,000																	
$$					25,000				19,000		13,000	13,000	13,000		17,000	11,000	16,000	
UNION?					yes				yes		yes	yes	yes		yes	yes	yes	
007912	235,394																	
$$																		
UNION?																		
007053	300,000																	
$$		30,000			20,000			15,700	15,700	15,700	12,000	10,500	10,500			14,700	15,700	
UNION?		no			no			no	no	no	no	no	no			no	no	
006782	300,000																	
$$		34,000			23,000	21,000					18,500		15,800				19,400	
UNION?		no			yes	yes					yes		yes				yes	

APPA TABLE 4-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: EASTERN

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID. PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	GSF ENG'R/ARCH	SUP'T	SUP'R	ELECTRICIAN	PLUMBER	CARPENTER	PAINTER	GROUNDS KEEPER	LABORER	CUSTODIAN	HVAC TECHN.	PROGRAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
100002 $$ 40,000 UNION? no		302,000	29,000 yes	23,000 yes	18,000 yes	18,000 yes	18,000 yes		14,000 yes	12,000 yes	12,000 yes		12,000 yes	15,000 yes	14,000 yes	
006788 $$ 47,000 UNION? yes	20,000 yes	310,000		19,500 yes	21,000 yes				14,000 yes		11,900 yes				16,600 yes	
007731 $$ 40,000 UNION? no	30,000 yes	382,789	25,000 yes		22,000 yes				18,000 yes		15,000 yes			15,000 yes	20,000 yes	
002176 $$ 43,000 UNION? no	30,000 no	409,350	26,000 no	21,000 yes	24,000 yes	20,000 yes	19,000 yes	19,000 yes	15,800 yes	15,800 yes	15,800 yes	19,000 yes		15,800 yes	16,500 yes	
200100 $$ 52,000 UNION? no		412,597	38,000 no		31,000 yes	31,000 yes			27,000	26,000	28,000					
002058 $$ 45,000 UNION? no	37,000 no	437,180	27,700 no	23,900 no	15,800 no	16,800 no	16,800 no	16,800 no	14,100 no		13,300 no	21,300 no	22,500 no	15,900 no	15,800 no	22,500 no
200099 $$ UNION?		496,117	50,000 no		32,000 yes	32,000 yes	31,000 yes	31,000 yes	34,000 yes	27,000 yes	13,500 no	35,000 yes		25,000 yes	30,000 yes	
002063 $$ 41,942 UNION? no		541,412 41,942 no	26,359 no	22,993 no			17,680 yes	17,680 yes	14,851 yes	16,744 yes	13,977 yes	18,678 yes		17,622 no	18,678 yes	
002871 $$ 32,000 UNION? yes		565,464	18,188 yes	15,367 yes	14,752 yes			12,617 yes	12,617 yes		11,386 yes			11,386 yes	12,182 yes	
002089 $$ 41,365 UNION? no		584,683	24,161 no	21,939 no	17,081 no	21,839 no	18,330 no	1,380 no	14,041 no		12,358 no	21,939 no	22,000 no	14,377 no		
200714 $$ 40,000 UNION? no		630,000	35,000 no	29,000 no	31,000 yes	29,000 yes	27,000 yes	25,000 yes	22,000 yes		22,000 yes	28,000 yes		18,000 yes	22,000 yes	26,000 yes
200002 $$ 50,000 UNION? no	45,000 no	750,000	40,000 no	35,000 no	29,000 yes	25,000 yes	27,000 yes	25,000 yes	24,000 yes	24,000 yes	22,000 yes	30,000 yes	22,000 yes	20,000 yes	21,000 yes	30,000 yes
200067 $$ 60,000 UNION? no	50,000 no	942,000 50,000 no		35,000 no	35,000 yes	35,000 yes	32,000 yes		27,000 yes			32,000 yes		22,000 yes	22,000 yes	
************PROFESSIONAL/SPECIALIZED																
002893 $$ 59,000 UNION? no	50,000 no	664,700 48,000 no	43,000 no	29,000 no	21,000 yes	20,000 yes	20,000 yes	20,000 yes	15,000 yes	14,000 yes	13,000 yes	17,000 yes	30,000 yes	15,000 yes	15,000 yes	16,000 yes
029013 $$ 78,000 UNION? no	68,000 no	1,300,000 57,000 no	51,000 no	32,000 yes	24,500 yes	24,500 yes	24,500 yes	24,500 yes	20,400 yes	18,200 yes	18,200 yes	24,500 yes	29,000 yes	19,000 yes	20,400 yes	20,400 yes

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APPA TABLE 4-A:  PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
           By Region Affiliation, Carnegie Class., and TOTAL GSF reported
=========================================================================================================================================
REGION:  EASTERN                                    ANNUAL WAGES FOR STANDARD JOB TITLES
                                                            UNION AFFILIATION
INST. ID.       GSF
   PHYS.  ASS'T   ENG'R   SUP'T   SUP'R   ELEC-   PLUM-   CARP-   PAINT-  GROUNDS LABORER CUSTO-  HVAC    PROG-   SUPP'T  GEN.    TECHN.
   PLANT  PLANT   ARCH                    TRICIAN BER     ENTER   ER      KEEPER          DIAN    TECHN.  RAMMER  STAFF   MAINT.
   ADMIN. ADMIN.
-----------------------------------------------------------------------------------------------------------------------------------------
002104          2,707,549
$$ 86,000  68,000  50,000  50,000  34,000  20,000  20,000  18,500  18,500                  16,800  21,500  29,000  18,500  16,800  49,400
UNION? no      no      no      no      no      no      no      no      no                      no      no      no      no      no      no
-----------------------------------------------------------------------------------------------------------------------------------------

************OTHER

200001            607,700
$$
UNION?
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MIDWEST

************RESEARCH

001776          8,239,320
$$ 71,700  68,500  40,000  40,000          42,300  46,040  73,744  42,173  31,384  19,105  20,588  46,918  25,800  15,300          25,924
UNION? no      nc      no      no     yes     yes     yes     yes     yes     yes     yes     yes     yes     yes     yes             yes
-----------------------------------------------------------------------------------------------------------------------------------------
002329          8,249,995
$$ 75,000  55,000  51,000  38,000          36,006  30,600  31,538  28,458  19,718  19,136  18,907  34,694  27,000  14,000  19,656
UNION? no      no      nc      no             yes     yes     yes     yes     yes     yes     yes     yes     yes     yes     yes
-----------------------------------------------------------------------------------------------------------------------------------------
003125          8,600,000
$$ 66,000  58,000  60,000  43,000  28,000  13,760  22.800  22,300  22,300  15,600  13,520  13,520  22,880  26,500  15.600  17,500
UNION? no      no      no      no      no     yes     yes     yes     yes     yes     yes     yes     yes      no     yes      no
-----------------------------------------------------------------------------------------------------------------------------------------
001869         11,566,963
$$ 88,800  68,850  66,000  58,850  26,400  20,114  20,114  19,323  18,221  14,789  12,730  12,730  20,925  22,500  15,891  15,642  21,590
UNION? no      no      no      no      nc     yes     yes     yes     yes     yes     yes     yes     yes      no     yes     yes     yes
-----------------------------------------------------------------------------------------------------------------------------------------
001892         11,851,656
$$ 63,500  46,500  54,500  54,500  31,500  20,500  20,100  19,300  18.200  15,500  12,700  12,700  20,100  20,000  17,300  20,100  19,500
UNION? no      no      no      no      no     yes     yes     yes     yes     yes     yes     yes     yes      no     yes     yes     yes
-----------------------------------------------------------------------------------------------------------------------------------------
008002         12,640,553
$$ 63,000  54,100  55,400  42,000  29,680  23,580  23,580  23,580  22,440  16,140  14,910  14,480  23,580  25,000  13,500          21,600
UNION? no      no      no      no      no     yes     yes     yes     yes     yes     yes     yes     yes      no      no              no
-----------------------------------------------------------------------------------------------------------------------------------------
001825         13,469,479
$$ 85,000          49,150  43,100  27,550  18,720  18,720  18,720  16,328  12,480  16,328  12,584  18,720  18,000  14,040  16,328  16,328
UNION? no              no      no      no      no      no      no      no      no      no      no      no      no      no      no      no
-----------------------------------------------------------------------------------------------------------------------------------------
001775         15,890,000
$$ 75,000  55,000  42,000  36,200  41,000  39,000  42,400  38,600  40,000  24,100  35,700  19,300  42,400  20,100  12,900          15,100
UNION? no      no      no      no     yes     yes     yes     yes     yes     yes     yes     yes     yes      no      no              no
-----------------------------------------------------------------------------------------------------------------------------------------
003895         16,054,000
$$ 60,000  45,000                  30,000  37,700  38,000  26,600  29,000  14,000  13,500  13,400
UNION? no      no                      no     yes     yes     yes     yes     yes     yes     yes
-----------------------------------------------------------------------------------------------------------------------------------------
006883         19,319,111
$$ 48,840  43,680  40,200  40,200  22,277  16,910  16,910  16,910  16,910  13,978  12.501  12,501  16,910          14,061  14,518  17,659
UNION? no      no      no      no      no     yes     yes     yes     yes     yes     yes     yes     yes              no     yes      no
-----------------------------------------------------------------------------------------------------------------------------------------
009092         22,362,166
$$ 93,500                  80,500  46,350  34,632  34,632  34,632  32,552  21,278  24,976  17,451  34,632  28,050  20,365  23,670  22,709
UNION? no                      no      no     yes     yes     yes     yes     yes     yes     yes     yes      no      no     yes      no
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************DOCTORATE GRANTING
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APPA TABLE 4-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: MIDWEST

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID.		GSF														
PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT- ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
003032		3,247,390														
$$ 60,000	50,000	50,000	40,000	32,000	22,500	22,500	22,500	22,500	15,000		14,500	27,000		14,500		22,500
UNION? no	no	no	no	no	yes	yes	yes	yes	yes		yes	yes		yes		yes
003896		4,671,500														
$$ 46,150	35,000	35,000	33,100	30,700	42,300	40,650	36,500	33,100	16,000	14,300	14,300	39,200	22,600	18,500	18,500	
UNION? no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	no	yes	yes	
003123		4,990,628														
$$ 28,000	35,000	47,000	52,000	24,000	20,000	20,000	18,600	18,600	16,800	16,000	14,500	18,600	20,300	16,200	16,800	
UNION? no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	no	no	yes	
001692		5,300,000														
$$ 55,000	44,000	42,000	44,000	39,900	38,500	41,145	34,400	37,000		18,000	16,500	33,400		14,000	18,000	34,000
UNION? no	no	no	no	yes	yes	yes	yes	yes		no	yes	yes		no	yes	yes
007104		5,321,002														
$$					18,345	18,345	18,345	17,388	15,685	14,270	14,270	18,345				
UNION?					no	no	no	no	no	no	no	no				
001737		5,449,087														
$$ 65,112	33,792	43,152	37,236	40,504	37,050	39,293	35,724	37,733	16,146	15,542	15,600	32,718	26,442	13,241		
UNION? no	no	no	no	yes	yes	yes	yes	yes	no	yes	no	yes	no	no		
001786		5,490,672														
$$ 50,000	38,000	38,000	34,000	26,000	25,000	25,000	25,000	25,000	18,000	18,000	18,000	25,000		18,500	18,000	25,000
UNION? no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes		no	yes	yes
002330		6,306,389														
$$ 49,000		40,300	49,600	32,000	24,700	24,700	24,700	24,700	18,800	18,800	18,800	24,700	32,000	18,700	18,800	32,000
UNION? no		no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	no	no	yes	no
001758		6,469,406														
$$ 62,000	40,000	56,900	55,700	45,000	42,280	42,400	34,200	31,600	26,400		23,500	42,400	28,500	21,000		41,500
UNION? no	no	no	no	yes	yes	yes	yes	yes	yes		yes	yes	no	yes		yes

************COMPREHENSIVE

INST. ID.		GSF														
001808		583,821														
$$ 40,000		28,000		18,000	14,000	14,000	14,000	14,000	12,000		11,000			11,000		
UNION? no		no		no	no	no	no	no	no		no			no		
009333		652,421														
$$ 50,000		30,000	28,000		38,000		37,000	33,000	20,000		11,000	26,000		13,000	21,000	
UNION? no		no	no		yes		yes	yes	yes		no	yes		yes	yes	
001827		676,000														
$$ 55,000	40,000	30,000	30,000		22,000	22,000	22,000	19,000	17,000		13,500	22,000		13,500		
UNION? no	no	no	no		no	no	no	no	no		no	no		no		
003919		1,919,027														
$$ 41,605	36,255	31,598		36,440	35,400	35,807	30,240	25,690	14,976	13,915	12,317	20,322		17,430	17,430	22,880
UNION? no	no	no		no	yes	yes	yes	yes	yes	yes	yes	yes		yes	yes	yes
003915		2,100,996														
$$ 50,316	44,625		34,606	26,914	35,450	30,599	30,280	26,237	15,046	20,802	18,812	26,941		18,535		
UNION? no	no		no	no	yes	yes	yes	yes	yes	yes	yes	yes		yes		
003924		2,180,180														
$$ 55,155	51,832	52,599	17,344	10,869	16,806	17,044	14,538	12,351	7,423	6,537	6,405	11,730	8,638	7,991	8,638	10,869
UNION? no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes

APPA TABLE 4-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: MIDWEST

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID.	GSF	PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT- ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
002292	2,498,222																	
$$		59,000	50,000	41,000	47,000	31,000	27,000	27,000	27,000				20,000	30,000		27,000	27,000	
UNION?		no	no	no	no	no	yes	yes	yes				yes	yes		yes	yes	
001674	2,571,770																	
$$		50,000	36,600	35,916	39,216	39,000	40,950	39,730	34,330	37,224	21,178	17,609	16,595	29,390	20,436	11,934	17,531	23,751
UNION?		no	no	no	no	no	no	no	yes	no	yes	yes	yes	yes	no	yes	no	no
002388	2,611,880																	
$$		61,500	45,500		39,000	34,000	36,728	40,737	30,000	30,000	18,400	12,500	18,400	28,000	40,000	16,000		32,000
UNION?		no	no		no	no	yes	yes	yes	yes	yes	no	yes	yes	yes	no		no
001890	3,521,746																	
$$		55,250	45,000	45,000	38,640	27,960	20,114	20,114	19,323	18,221	14,789		12,730	20,925	16,993	13,395	20,114	21,986
UNION?		no	no	no	no	no	yes	yes	yes	yes	yes		yes	yes	yes	yes	yes	yes
002243	4,121,340																	
$$		66,000	53,000	53,000	48,500	31,000	27,500	27,500	27,500	27,500	20,300	19,000	18,400	27,500	20,000	15,500	28,200	
UNION?		no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	no	yes	no	
001780	4,250,000																	
$$		60,000		47,000	54,000		36,000	37,000	36,000	34,000	24,000		21,000	34,000		15,000		
UNION?		no		no	no		yes	yes	yes	yes	no		yes	yes		no		
009563	4,554,064																	
$$		50,000	40,000	42,000	24,000	20,000	16,000	16,000	14,000	14,000	9,633	9,633	10,140	13,377		10,140	13,377	16,731
UNION?		no	no	no	no	no	no	no	no	no	no	no	no	no		no	no	no
************LIBERAL ARTS																		
003109	1,285,539																	
$$						28,500	26,000	26,000	23,500	23,500	15,500		14,000	26,500	16,000	15,800		
UNION?																		
************2-YR., JR. OR TECH.																		
002295	137,000																	
$$		30,000											15,000				18,000	
UNION?		no											no				no	
008740	171,500																	
$$		31,000				21,000							16,000					
UNION?		no				no							yes					
007598	284,000																	
$$						20,000					16,000		16,000				16,000	14,000
UNION?						no					yes		yes				yes	yes
002237	289,266																	
$$		29,000									17,368		16,744				17,368	
UNION?		no									yes		yes				yes	
001705	310,294																	
$$		33,000					28,415	28,415	28,078	9,360	26,121		20,029	28,415		10,400		
UNION?		no					yes	yes	yes	no	yes							
002297	312,842																	
$$		21,000					20,945	20,945	20,945		17,721		17,305					
UNION?		no					yes	yes	yes		yes		yes					

APPA TABLE 4-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: MIDWEST

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID. PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	GSF ENG'R/ARCH	SUP'T	SUP'R	ELEC-TRICIAN	PLUM-BER	CARP-ENTER	PAINT-ER	GROUNDS KEEPER	LABORER	CUSTO-DIAN	HVAC TECHN.	PROG-RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
007170		319.925														
$$ 33,000	25,000			22,512	20,256	20,256	22,512	20,256	14,820		13,632	20,256		14,820		
UNION? no	no			no	no	no	no	no	no		no	no		no		
008318		343,840														
$$ 38,000			29,000	24,500	22,500		22,500		24,500	18,000	15,000	18,000			16,500	15,000
UNION? no			yes	yes	yes		yes		yes	yes	yes	yes			yes	yes
009896		346,140														
$$ 56,577	52,309		25,957	19,364	24,123	24,123	24,123	19,364	24,123	19,364	16,725	25,957		19,364	19,364	
UNION? no	no		yes	yes	yes	yes	yes	yes	yes	yes	yes	yes		yes	yes	
004595		387,660														
$$ 33,329	20,637				31,659	31,180	24,372	24.541	16,896	10,566	11,891			17,593	16,241	
UNION? no	no				yes	yes	yes	yes	yes	no	yes			yes	yes	
006867		447,000														
$$ 35,000			26,000		18,000				15,000		12,000		24,000	15,000	17,000	
UNION?																
002274		496,000														
$$ 46,000	28,000		28,000		26,000	24,500		18,000	16,000	13,000	15,000	23,000		16,000	24,000	
UNION? no	no		yes		yes	yes		yes	yes	yes	yes	yes		yes	yes	
001769		496,000														
$$ 35,000	26,000	24,000	24,000		20,000		18,000	18,000	15,000		10,200			10,000		
UNION? no	no	no	no		yes		yes	yes	yes		yes			yes		
003961		733,990														
$$ 50,000	29,882			25,101	25,085	25,085	25,085	25,085	21.570	10,400	20,592	25,085		16,684		
UNION? no	no			no	yes	yes	yes	yes	yes	no	yes	yes		no		
006656		1,139,965														
$$ 48,000			40,000	28,000	26,000		24,000	18,800	21,000		18,900	26,000		18,000	18,800	
UNION? no			no	no	no		no	no	no		no	yes		no	no	
010784		1,300,000														
$$ 35,376			34,380		24,408		24,408	24,408	15,350		14,750	25,452			15,000	
UNION?																
003119		1,488,943														
$$ 42,500		35,860		35,000	30,124	27,302	27,302	17,826	17,825	11,823		30,124	30,124	14.470	14,709	27,470
UNION? no		no		no	no	no	no	no	no	no		no	no	no	no	no
008797		1,740,576														
$$ 42,587		30,894	33,269	24,184	23,795	23,795	23,795	23,795	20,363	17,410	17,410	23,795	24,184	14,539	20,363	
UNION? no		no	no	no	yes	yes	yes	yes	yes	yes	yes	no	no	yes	yes	
************PROFESSIONAL/SPECIALIZED																
900006		178,669														
$$ 38,350			30,262	24,132							14,354			14,063	18,393	
UNION? no			no	no							yes			no	no	
100001		519.471														
$$ 31.560	27,564	41,352							14,784		14,784		26,004	14,076	18,324	18,324
UNION? no	no	no							no		no		no	no	no	no
007737		1,380,895														
$$ 63,855	35,215	37,440	30,000	25,000	19,552	19,552	20,115	19,050	16,640			19,552		18,200	18,200	
UNION? no	no	no	no	no	yes	yes	yes	yes	yes			yes		no	no	

APPA TABLE 4-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: MIDWEST

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID.	GSF		PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT- ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
009168	1,916,440	$$	54,018	44,907	37,918	22,464	18,720	15,038	15,038	15,038	15,038	13,562	11,731	11,731	15,891		17,826	13,562	15,038
		UNION?	no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes		no	yes	yes

PACIFIC

*************RESEARCH

INST. ID.	GSF		PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT- ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
001626	3,192,422	$$	51,979	41,080	31,169	41,080	21,132	20,134	20,134	20,134	19,177	12,979	13,957	12,064	20,134	16,556	11,356	14,310	16,556
		UNION?	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
003223	4,127,010	$$	58,140	30,156	30,156	27,312	23,604	25,680	25,344	24,468	23,376	14,292	13,104	12,708	25,680	21,264	13,104	15,552	24,468
		UNION?	no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
001320	4,163,295	$$	68,470	51,485	46,770	42,470	38,685	31,454	31,464	29,760	29,760	20,160	19,380	18,012	31,464	35,145	22,680	21,300	20,244
		UNION?	no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	no	yes	yes	no
001319	5,051,250	$$	77,000	64,100	41,943	60,227	51,192	44,803	44,803	41,558	41,558	31,013	33,259	23,733	44,803	49,334	22,180	33,259	44,803
		UNION?	no	no	yes	no	no	yes	yes	yes	yes	yes	yes	yes	yes	no	yes	yes	yes
003210	5,925,380	$$	51,316	30,156	33,216	33,216	26,040	23,376	25,344	22,296	21,264	14,292	13,104	12,708	20,232	21,264	14,952	15,552	21,264
		UNION?	no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
001317	8,601,000	$$	71,650	59,200	59,200	44,450	40,680	34,332	34,332	30,192	30,192	20,244	19,476	18,108	34,332	36,800	20,244	24,816	35,976
		UNION?	no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	no	yes	yes	yes
001313	9,110,382	$$	80,000	59,200	59,200	44.450	40,450	36.552	36.552	36,552	36,552	20,160	19,380	18,012	36,552	36,800	20,160	25,788	25,788
		UNION?	no	no	no	no	no	no	no	no	no	yes	yes	yes	no	no	yes	yes	yes
003800	9,156,000	$$	55,000	45,000	39,876	39,876	34,380	26,880	26,880	24,408	24,408	16,848	18,048	14,760	26,880	24,984	20,340	26,880	26,880
		UNION?	no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	no	no	yes	yes
001312	12,948,626	$$	85,000	75,000	75,000	50,000	46,920	43,644	43,644	40,092	38,832	26,532	26,472	20,525	43,644	48,000	18,384	27,060	
		UNION?	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	
003798	13,725,400	$$	69,816	54,444	57,792	54,444	37,032	31,932	31,932	28,224	28,224	16,848	18,048	14,760	31,932	24,984	17,496		31,932
		UNION?	no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	no	no		yes

*************DOCTORATE GRANTING

INST. ID.	GSF		PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT- ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
001620	2,417,465	$$	45,220		32,448	22,194	21,132	18,262	17,389	18,252	15,766	12,979		10,670	18,262		12,979	16,557	17,389
		UNION?	no		no	no	no	no	no	no	no	no		no	no		no	no	no
001321	2,817,013	$$	74,000	41,000		36,000	37,860	32,388	32,388	32,388	32,388	20,928		17,388	32,388	29,700			35,568
		UNION?	no	no		no	yes	yes	yes	yes	yes	yes		yes	yes	yes			yes
001316	2,818,926	$$	78,850	70,100	70,100	44,900	36,700	31,128	31,128	30,564	30,564	20,160	19,386	18,012	31,128	32,700	20,160	21,730	31,056
		UNION?	no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	no	yes	yes	no

APPA TABLE 4-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: PACIFIC

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID.		GSF														
PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT- ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
003216		3,203,630														
$$ 58,668	30,156	31,680	26,040	23,604	25,680	25,344	24,468	23,376	14,292	13,104	12,708	20,232	26,916	14,952	18,444	25,680
UNION? no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
000151		4,467,226														
$$ 70,000	60,000	40,000	40,000	37,500	34,300	34,300	31,700	31,700	22,100	22,100	18,700	32,200	34,400	21,600	26,800	25,300
UNION? no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
************COMPREHENSIVE																
001138		1,300,000														
$$ 71,000	58,000	43,000	43,000	39,000	37,500	35,500	34,000	33,500	25,000	29,000	40,000	35,000	33,500	24,000	29,000	
UNION? no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	
003771		1,375,200														
$$ 48,000	38,904	34,380	33,540	28,236	26,220	26,220	23,808	23,808	18,048	15,372	14,076	26,220	18,900	14,376	19,332	24,972
UNION? no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	no	no	yes	no
001150		1,852,745														
$$																
UNION?																
001616		2,022,234														
$$ 58,088		58,386		33,439	28,851	25,570	26,953	24,364	17,302		14,336	24,356		18,628		
UNION? no		no		no	no	no	no	no	no		no	no		no		
001146		2,125,000														
$$ 62,400	42,000	38,400	36,000	36,252	34,344	34,344	31,752	31,752	22,104	22,104	18,732	32,640	29,412	22,332	26,844	28,152
UNION? no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
001147		2,181,420														
$$ 66,648	61,488	42,528	43,680	41,256	37,668	37,668	34,800	34,800	25,080	29,364	22,104	40,128		27,252	36,492	33,012
UNION? no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes		yes	yes	yes
003775		2,208,943														
$$ 43,824		35,244	35,244	31,932	26,880	26,380	24,408	24,408	15,372		14,760	26,880		15,720	21,204	26,880
UNION? no		yes	yes	yes	yes	yes	yes	yes	yes		yes	yes		yes	yes	yes
003802		2,607,800														
$$ 57,700	44,200	42,450	34,400	31,900	26,900	26,900	24,400	24,400	19,200		14,750	26,900	31,925	16,400	26,900	26,900
UNION? no	no	no	yes	yes	yes	yes	yes	yes	yes		yes	yes	no	no	yes	yes
001143		2,820,462														
$$ 68,000	53,000	48,000	45,000	37,596	34,344	34,344	31,752	31,752	22,104	22,104	18,732	36,564	34,440	19,284	22,104	27,720
UNION? no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
001136		2,849,091														
$$					34,344	34,344	31,752	31,752	22,104	22,104	13,732	32,640	29,112	21,612	26,844	27,720
UNION? no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
001155		4,267,978														
$$ 60,000	55,000	49,000	43,000	36,000	34,344	34,344	31,752	31,752	22,104	22,104	18,732	32,640	34,344	24,432	26,844	
UNION? no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	
************LIBERAL ARTS																
008155		1,000,000														
$$ 37,500	21,500	24,000	29,000	24,000	22,500	22,500	22,500	22,500	18,000	15,600	12,500	23,500		18,500	22,500	22,500
UNION? no	no	no	no	yes	yes	yes	yes	yes	yes	no	yes	yes		yes	yes	yes

APPA TABLE 4-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: PACIFIC

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID. PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	GSF ENG'R/ ARCH	SUP'T	SUP'R	ELEC-TRICIAN	PLUM-BER	CARP-ENTER	PAINT-ER	GROUNDS KEEPER	LABORER	CUSTO-DIAN	HVAC TECHN.	PROG-RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
************2-YR., JR. OR TECH.																
029231		193,000														
$$ 41,424	31,297	36,369	25,295	24,093	21,256	21,256	21,256	21,256	15,692	16,931	15,692	23,276	23,100	15,692	22,342	24,266
UNION? no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
001615		196,000														
$$ 41,000			26,000						17,000		17,000				22,000	
UNION? no			yes						yes		yes				yes	
008596		307,640														
$$ 51,300					42,276	44,519	38,734	35,611	21,156		16,807	43,282		22,440	22,349	
UNION? no					yes	yes	yes	yes	yes		yes	yes		yes	yes	
003773		506,200														
$$ 39,876					26,880	26,880	26,880	24,408	16,848		14,760			17,496	26,880	
UNION? no					yes	yes	yes	yes	yes		yes			no	yes	
001250		679,121														
$$ 35,187				30,336	24,936	24,936	24,936	24,936	23,148	14,019	19,452	24,936	25,548	21,480	20,976	
UNION? no				no	yes	yes	yes	yes	yes	no	yes	yes	yes	yes	yes	
001161		711,404														
$$	53,352		40,344		29,100	29,100	29,100	29,100	21,576		21,108	29,100	21,576	20,628	26,556	
UNION?	no		no		no	no	no	no	no		no	no	no	no	no	
666907		840,676														
$$ 43,548	35,424			29,064	27,684	27,684	27,684	27,684	18,588		17,688			21,612		
UNION? no	no			yes	yes	yes	yes	yes	yes		yes			yes		
001197		1,228,244														
$$ 64,641	49,319			35,544	31,704	28,716	28,716	28,716	20,808	24,120	20,748	31,704		25,380	21,852	
UNION? no	no			no	yes	yes	yes	yes	yes	yes	yes	yes		yes	yes	
001265		1,229,579														
$$ 50,000	42,000		35,880	28,953	26,352		26,952		21,120	19,140	17,723			21,664	21,120	25,836
UNION? no	no		yes	yes	yes		yes		yes	yes	yes			yes	yes	yes
200006		1,905,285														
$$ 65,000		47,000	49,000	40,900	37,900	36,000	34,900		21,600		21,600	35,400		26,400	29,208	35,000
UNION? no		no	no	yes	yes	yes	yes		yes		yes	yes		yes	yes	yes
001189		11,111,618														
$$ 65,000	50,000		39,000	39,000			34,068		23,664			34,992		23,052	30,888	32,000
UNION? no	no		yes	yes			yes		yes			yes		yes	yes	yes
************PROFESSIONAL/SPECIALIZED																
003209		1,017,333														
$$ 36,600		25,680	27,312	24,180	25,344		24,180	24,180	14,952	13,620		25,332	55,632	15,024	16,248	
UNION? no		yes	no	yes	yes		yes	yes	yes	yes		yes	no	no	yes	
009020		1,028,781														
$$ 80,076	62,040		47,652	37,704	34,356	37,704	32,712	32,712	24,396	23,364	22,428	34,356		28,548	32,712	
UNION? no	no		yes	yes	yes	yes	yes	yes	yes	yes	yes	yes		yes	yes	

ROCKY MTN.

************RESEARCH

APPA TABLE 4-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: ROCKY MTN.

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID.	GSF		PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT- ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
002654	970,528	$$	42,000	38,000	34,000	27,500	21,000	14,500	14,500	14,500	9,280	9,280	9,280	9,280	18,700		13,500	10,700	
		UNION?	no	no	no	no	no	no	no	no	no	no	no	no	no		no	no	
200087	4,068,170	$$	60,730	51,652	51,652	50,364	41,816	39,816	37,804	36,808	32,240	21,444	20,868	21,024	39,816	24,254	18,384	23,940	27,816
		UNION?	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
003932	4,464,987	$$	36,732	30,636	30,636	23,028	20,928	19,020	19,020	19,020	17,292	9,276		10,416	19,020		11,796	14,292	19,020
		UNION?	no	no	no	no	no	no	no	no	no	no		no	no		no	no	no
003677	4,988,026	$$	51,332	36,443		23,627	21,632	18,228	18,228	12,557	11,423	9,019	7,904	11,423	14,825	23,627	12,557	7,904	14,825
		UNION?	no	no		no	no	no	no	no	no	no	no	no	no	no	no	no	no
001083	6,172,163	$$	76,500	70,000	55,000		30,630	23,367	23,367	21,603	21,603	10,516	11,813	10,039	23,367	25,464	13,172	14,999	15,996
		UNION?																	
001350	7,136,921	$$	71,100	51,198	33,455	28,308	24,372	21,576	26,784	21,576	21,576	13,896	15,324	11,700	26,784	22,655	14,592	18,624	26,874
		UNION?																	
003675	7,354,132	$$	26,351			24,330	16,404	14,913	14,913	14,456	14,456	10,338	9,360	8,840	14,685	13,104	11,565	9,796	14,913
		UNION?	no			no	no	no	no	no	no	no	no	no	no	no	no	no	no
001081	7,381,292	$$	65,000	45,000		40,000	37,500	23,400	23,400	21,700	21,700	11,900	11,900	11,900	23,400	21,700	13,200	17,200	25,500
		UNION?	no	no		no	no	no	no	no	no	no	no	no	no	no	no	no	no
001370	7,500,000	$$	58,240	43,632	42,684	35,124	31,960	24,372	25,784	21,576	21,576	16,032	13,896	12,900	26,784	27,528	19,056	18,624	33,456
		UNION?	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
200140	11,422,000	$$	62,250	50,036	53,138	44,328	42,312	38,340	33,340	22,724	27,050	13,324	21,360	16,368	38,340	20,988	24,000	21,960	24,000
		UNION?	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes

************DOCTORATE GRANTING

INST. ID.	GSF		PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT- ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
002536	2,915,730	$$	45,000	30,600	24,600	33,300	29,000	25,100	[illegible]	24,800	20,600	14,400	16,800	15,300	26,670	24,800	17,700		
		UNION?	no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes		
002532	4,051,363	$$	42,300	33,300	26,244	24,038	26,416	26,083	26,853	25,001	20,316	15,164	13,288	12,482	26,333		12,482		26,083
		UNION?	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes		yes		yes
200077	6,571,355	$$	72,000	60,000	55,000	42,120	29,270	34,000	34,000	34,330		22,090	19,700	17,530	35,150		18,000	21,915	27,325
		UNION?	no	no	no	no	— no	yes	yes	yes		yes	yes	yes	yes		yes	yes	yes

************COMPPEHENSIVE

INST. ID.	GSF		PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT- ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
002653	777,623	$$				40,000	15,000	14,000	14,000	14,000	9,300	~~9,800~~	8,320	8,320	14,000	10,000	9,200	8,320	14,500
		UNION?				no	no	no	no	no	no	no	no	no	no	no	no	no	no

APPA TABLE 4-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: ROCKY MTN.

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID. PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	GSF ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT- ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
002530		844,729														
$$ 35,000				28,136	25,522	26,083	24,400	23,254	16,093		12,243			12,243	16,093	
UNION? no				no	yes	yes	yes	yes	yes		yes			no	no	
************LIBERAL ARTS																
200890		1,343,782														
$$ 48,742	38,661	41,739	38,661	45,348	41,232	39,132	38,100	33,372		22,248	21,828		26,606	18,557	24,792	
UNION? no	no	no	no	yes	yes	yes	yes	yes		yes	yes		yes	yes	yes	
009542		1,375,602														
$$ 60,000	50,798	45,337	41,106	22,056	33,006	32,013	22,050	23,618	19.225	24.108	9,793	31,470		16,485	23,010	30,326
UNION? no	no	no	no	no	no	no	no	no	no	no	no	no		no	no	no
************2-YR., JR. OR TECH.																
029242		146,926														
$$ 34,945		24,331		25,993	24,331	24,331	24,331		20,239	13,577	14,304	24,331		13,577		
UNION? no		no		no	no	no	no		no	no	no	no		no		
009543		268,110														
$$ 32,000					24,372				12,836		11,700	26,784		16,464	13,824	
UNION? no					no				no		no	no		no	no	
007582		290,000														
$$			22,764	15,944					14,033			16.944		11,484	14,088	
UNION? no			no	no					no		no	no		no	no	
001361		550,000														
$$ 32,000			24,000	22,000	18,000	18,000	18,000	15,000	15,000	11,000	12,000	21,000	26,000	13,000	16,000	15,000
UNION?																
200044		879,214														
$$ 60,000			35,000		26,100		25,100		16,034	15,200	16,034	21,156	21,186	20,130		
UNION? no			yes		yes		yes		yes	yes	yes	yes	yes	yes		
001365		885,751														
$$ 42,000				32,555	25,512	27,528	22,044	22,044	16,464		13,236	27,528		19,056	29,532	
UNION? no				no	no	no	no	no	no		no	no		no	no	
************PROFESSIONAL/SPECIALIZED																
004508		1,731,922														
$$ 50,508	47,064	44,820	44.320	36,876	24,972	26,784	21,576	21,576	16,032	13,896	12,900	26,784	26,784	16,464	18,624	28,308
UNION? no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
010313		5,400,000														
$$ 54,000	37,500	34,000	30,000	22,500	17,500	17,500	16,000	15,000	11,000		10,000	16,000	21,000	14,500	15,000	18,500
UNION? no	no	no	no	no	yes	yes	yes	yes	yes		yes	yes	no	no	yes	no

SOUTHEASTERN

INST. ID. PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	GSF ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT- ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
************RESEARCH																
002029		2,914,448														
$$ 71,000	50,000	57,000	38,500	35,000	25,500	20,500	20,000	18,000	10,700	10,700	8,000	19,000	35,500	15,500	10,500	
UNION? no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	

APPA TABLE 4-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: SOUTHEASTERN

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID.	GSF															
PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT- ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
003827	3,000,000															
$$ 48,000	45,000	37,800	26,712	22,248	16,020	16,020	16,020	14,868	13,848	12,132	11,376	16,020	20,388	12,132	13,848	20,388
UNION? no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
003509	3,997,552															
$$ 50,000	37,700	31,100	28,300	21,800	13,500	13,500	14,900	14,900	10,200	10,200	10,200	18,000	21,800	14,900	14,900	18,000
UNION?																
001569	5,000,000															
$$ 70,000		50,000	40,000	28,000	21,000	21,000	21,000	21,000	11,000	11,000	11,000	21,000		16,000	14,000	
UNION?																
002423	5,089,353															
$$ 56,700			38,250	26,500	18,346	18,158	17,992	16,682	11,128	8,840	9,422	18,138		15,167	17,368	
UNION? no			no	no	no	no	no	no	no	no	no	no		no	no	
003735	5,848,274															
$$ 76,000	60,000	50,000	39,935	25,572	21,393	21,393	21,393	20,461	14,989	13,709	13,709	19,578	25,572	18,723	14,989	21,393
UNION? no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
001051	5,976,469															
$$ 53,344	34,500		31,721	24,280	26,124	26,124	26,124	26,124	14,060	12,916	12,438	26,124		10,649		
UNION? no	no		no	no	yes	yes	yes	yes	yes	yes	yes	yes		no		
003754	6,274,631															
$$ 60,000	34,933	31,959	29,230	20,461	11,986	11,986	15,661	15,661	10,964	10,964	10,034	18,723		13,112	11,986	13,112
UNION?																
001052	6,421,289															
$$ 55,393	46,176	35,265	38,903	21,653	19,531	19,531	18,408	18,408	9,693	10,899	9,152	19,531	21,616	12,979	14,581	17,368
UNION? no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
006968	6,745,250															
$$ 65,000	55,000	55,000	26,745	18,723	15,661	15,661	15,661	15,661	10,964	10,964	10,034	18,723	22,370	13,112	10,964	15,661
UNION? no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
003448	7,773,424															
$$ 37,547	32,093	28,531	28,531	20,843	19,271	19,271	19,271	13,271	10,699	10,286	10,699	19,271	24,385	14,644	13,539	17,133
UNION? no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
001598	8,288,954															
$$ 70,000	55,000	60,000	50,000	24,500	20,226	20,226	19,252	17,877	12,043	9,183	9,542	19,733	17,016	12,043	14,315	
UNION?																
002010	8,419,000															
$$ 64,000	35,000	30,000	24,336	17,368	13,250	13,250	13,250	13,250	8,258	8,258	8,258	13,250	25,000	13,250		
UNION? no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	no	yes		
002972	8,779,961															
$$ 45,000	40,000	35,000	24,000	22,000	18,000	18,000	17,000	16,000	14,000	11,000	11,000	20,000	21,000	16,000	12,000	21,000
UNION? no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
001989	10,458,305															
$$ 38,414	31,604		23,852	15,912	13,085	13,085	12,461	12,461	9,302	8,853	8,853	13,085	27,911	11,876	13,085	14,430
UNION? no	no		no	no	no	no	no	no	no	no	no	no	no	no	no	no
002974	10,500,000															
$$ 57,000	50,000	34,000	38,200	29,700	20,200	20,200	18,000	18,000	14,300	12,000	12,000	21,000	24,400	15,600	14,300	17,000
UNION? no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
003530	11,204,285															
$$ 63,000	55,000	52,000	36,000	19,198	14,310	14,310	14,310	14,310	9,859	9,152	9,152	14,310	20,000	12,334	13,291	14,310
UNION? no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no

APPA TABLE 4-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: SOUTHEASTERN

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID.	PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	GSF ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT- ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
001535			13,687,555														
$$	65,000	48,000	42,000	38,700	19,093	17,156	17,156	16,284	14,803	10,732	10,315	10,315	17,156	18,375	13,384	13,458	15,457
UNION?	no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	no	yes	yes	yes
************DOCTORATE GRANTING																	
003728			1,740,247														
$$	55,000	45,000	42,000	36,500	23,044	17,639	16,135	16,135	16,135	11,298	12,351	10,335	19,283	23,044	14,760		
UNION?	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no		
002015			2,076,114														
$$	50,000	38,000	38,000	26,040	17,352	14,160	13,236	13.236	13,236	9,432	8,244	8,244	13,236	16,300	11,556	12,372	16,212
UNION?	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
003705			2,192,995														
$$	60,000	45,000		26,745	18,723	18,723	18,723	15,661	15,651	10,964	10.964	10,034	18,723		14,332	15,661	15,661
UNION?																	
002976			2,817,649														
$$	45,000	34,000		30,500	24,000	21,250	21,250	19.500	19.500	16,000	12,000	12,000	24,500	29,000	18,000	20,250	24,000
UNION?																	
002441			3,006,124														
$$	58,308		36,372	48,780	32,544	17,338	10,928	16,256	13,104	9,803	9,334	6.552	15,813	17.264	10,838		17,524
UNION?	no		no	no	no	no	no	no	no	no	no	no	no	no	no		no
002440			3,846,017														
$$	36,753	26,038	23,886	15,725	13,749	11.202	11,232	10,504	10,504	7,304	7,304	7,904	11,232	10,530	9,204		13,787
UNION?	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no		no
001999			4,678,062														
$$	67,529	40,341	46,339	32,747	24,734	21,750	21,750	20,114	17,514	13,349	15,246	12,376	21,750	20,114	17,514	19,990	20,114
UNION?	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
003425			5,149,753														
$$	43,924	36,102	36,102	36,102	24,385	17,133	17,133	17,133	17,133	12,518	7,904	10,296	17,133	21,678	14,644	13,539	15,939
UNION?	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
************COMPREHENSIVE																	
001546			427,067														
$$	37,000	27,000			20,000	17,000		15,000		11,000	10,000				13,000	11,000	15,000
UNION?	no	no			no	no		no		no	no				no	no	no
902013			650,000														
$$	38,000	26,000			13,500	13,000		12,000	12,000	10,000		10,000	12,000				
UNION?	no	no			no	no		no	no	no		no	no				
003826			696,550														
$$	35,000	19,416	17,856	17,856		14,160	14,160	14,160	13.188	10,824		9,516			9,516	14,160	
UNION?	no	no	no	no		no	no	no	no	no		no			no	no	
001573			730,391														
$$	47,644	32,303			18,845	14,361	15,091	14,361	14,361	8,568		7,904	18,845		12,388	14,361	
UNION?	no	no			no	no	no	no	no	no		no	no		no	no	
001968			904,743														
$$	32,040	16,442	35,514	29,128	16,442	16,442	16,442	14,947	12,301	9,180	11,167	8,338	14,947		10,120		11,157
UNION?																	

APPA TABLE 4-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: SOUTHEASTERN

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID. PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	GSF ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT- ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
001566		983,226														
$$ 45,000	35,000	30,000	29,500	24,000	19,000	16,000	18,000	14,000	10,500	10,000	10,400	18,000	17,000	14,000	15,000	15,000
UNION? no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
003529		1,572,317														
$$ 50,000		36,000	35,000	16,578	15,392	15,392	15,392	15,392	12,334	9,152	9,152	15,392	22,000	14,310	15,392	28,000
UNION? no		no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
001480		1,896,105														
$$ 34,870	29,710	26,433	21,964	17,359	15,597	15,597	14,799	14,799	10,738	10,313	10,313	15,597	21,964	13,378	12,237	14,049
UNION? no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	no	yes	yes
003732		1,935,365														
$$ 34,933	29,230	31,959	26,745	20,461	15,661	15,661	15,661	15,661	10,964	10,964	10,034	17,125		14,332		
UNION? no	no	no	no	no	no	no	no	no	no	no	no	no		no		
003522		2,072,614														
$$ 43,770	35,950	28,400	18,893	21,030	15,502	15,502	15,502	14,292	9,597	9,597	9,597	15,502		12,802	10,567	15,502
UNION?																
003749		2,231,480														
$$ 38,195	29,230		29,230	22,370	18,723	18,723	18,723	18,723	13,112	11,856	12,531	22,370		17,125	14,332	
UNION? no	no		no	no	no	no	no	no	no	no	no	no		no	no	
002981		2,288,127														
$$ 40,377	35,143	30,617	25,634	22,491	18,240	18,240	17,497	16,811	13,749	12,194	10,880	19,783		14,297	16,311	20,640
UNION? no	no	no	no	no	no	no	no	no	no	no	no	no		no	no	no
002367		2,600,000														
$$ 38,669		19,716	19,716	15,080	13,478	13,478	13,478	11,856	10,254	7,904	8,652	13,478		11,856	8,652	
UNION? no		no	no	no	no	no	no	no	no	no	no	no		no	no	
001977		3,071,040														
$$ 45,000	34,131	37,502		25,004	15,513	15,513	15,513	12,424	10,586	9,667	9,354	15,513		11,650		16,788
UNION? no	no	no		no	no	no	no	no	no	no	no	no		no		no
002923		3,712,690														
$$ 42,396		36,300	26,916	23,616	19,152	19,152	17,652	17,652	14,436	11,424	11,424	20,772	22,644	15,012	12,804	16,920
UNION?																

************LIBERAL ARTS

INST. ID. PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	GSF ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT- ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
003719		1,144,005														
$$ 41,000		23,044	27,538	21,079	16,135	16,135	16,135	16,135	11,298	10,335	10,335	19,283		16,135		
UNION?																

************2-YR., JR. OR TECH.

INST. ID. PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	GSF ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT- ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
008242		56,341														
$$ 9,900							7,920		7,920							
UNION?																
010997		69,835														
$$ 33,000	22,000								11,000		11,000				14,000	
UNION? no	no								no		no				no	
004004		150,000														
$$ 35,000				18,000					13,000		12,000	21,000			15,000	
UNION? no				no					no		no	no			no	

APPA TABLE 4-A: PHYSICAL PLANT COSTS AND STAFFING DATA FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: SOUTHEASTERN

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID. PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	GSF ENG'R/ ARCH	SUP'T	SUP'R	ELEC-TRICIAN	PLUM-BER	CARP-ENTER	PAINT-ER	GROUNDS KEEPER	LABORER	CUSTO-DIAN	HVAC TECHN.	PROG-RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
008083 $$ 30,000 UNION? no		234,781	26,988 no				14,858 no		16,572 no	14,172 no	14,568 no	16,836 no				13,500 no
008145 $$ 35,000 UNION? no		264,207	25,000 no	23,000 no	20,000 no		20,000 no	15,000 no	18,000 no	12,000 no	12,000 no	22,000 no		14,000 no	18,000 no	21,000 no
003483 $$ 28,000 UNION? no		295,135		25,000 no	21,000 no		24,500 no		10,500 no		10,500 no			15,000 no		
007105 $$ 24,000 UNION? no		376,483			16,896 no	16,896 no	15,372 no	15,372 no			12,000 no	16,896 no	15,372 no	12,120 no	12,000 no	
001484 $$ 34,904 UNION? no		1,665,595 32,555 no	31,600 no		21,437 no	21,437 no	17,052 no	17,052 no	10,788 no		10,788 no	21,437 no	11,682 no	15,747 no	21,437 no	
001506 $$ 40,000 UNION? no	30,000 no	2,000,000 32,000 no	29,000 no	23,000 no	23,000 no	23,000 no	19,000 no	19,000 no	14,000 no	12,000 no		23,000 no	18,000 no	12,000 no	11,000 no	
************PROFESSIONAL/SPECIALIZED																
002013 $$ 51,000 UNION?	40,000	1,472,896 30,000	24,336	17,352	13,236	13,236	13,236	13,236	8,244	8,244		16,212		11,712	13,236	17,352
003438 $$ 39,047 UNION? no	36,102 no	2,977,335 32,093 no	28,531 no	20,843 no	17,133 no	17,133 no	17,133 no	17,133 no	10,699 no	10,286 no	10,286 no	17,133 no	20,044 no	14,644 no	13,539 no	15,229 no
AUSTRALASIAN																
************RESEARCH																
900090 $$ 54,458 UNION?	47,470	592,034	39,061	27,706	21,414	21,414	21,576	21,576	21,576	18,749	18,608			21,628	21,576	
900030 $$ 60,000 UNION?	55,000	3,000,000 50,000	40,000	32,000	23,000	22,500	22,000	22,000	21,000	18,000			25,000	20,000		
OTHER																
************RESEARCH																
900035 $$ 35,358 UNION? no	26,370 yes	849,631	25,190 yes	19,561 yes	17,087 yes		17,087 yes		12,965 yes	10,798 yes	11,812 yes			13,753 yes		

APPA TABLE 4-B: PHYSICAL PLANT COSTS AND STAFFING DATA FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: CENTRAL

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID.	GSF	PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC-TRICIAN	PLUM-BER	CARP-ENTER	PAINT ER	GROUNDS KEEPER	LABORER	CUSTO-DIAN	HVAC TECHN.	PROG-RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
CENTRAL																		
************RESEARCH																		
201350	1,413,183																	
$$		72,000		42,000	35,000	18,000	11,300	11,600	13,300	10,600	8,300	3,400	9,800			6,700	6,700	
UNION?		no		no	no	no	no	no	no	no	yes	yes	yes			no	no	
************DOCTORATE GRANTING																		
003623	911,205																	
$$		40,000			24,000		22,000	22,000	22,000	20,000	12,000	10,500	9,000	18,000		13,000	14,000	
UNION?		no			no		no	no	no	no	no	no	no	no		no	no	
003636	2,589,616																	
$$		65,000	42,000	38,000	40,000	25,000	15,500	13,700	13,700	13,700	11,500	10,400	10,400	15,500	13,200	13,200	13,700	18,300
UNION?		no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
003613	2,810,000																	
$$		60,000	50,000	45,000	35,000	28,500	23,000	21,000	19,200	17,000	10,440	10,440	10,440	23,000		17,000	17,000	
UNION?		no	no	no	no	no	no	no	no	no	no	no	no	no		no	no	
006967	3,231,754																	
$$		30,000			21,000	18,713	20,394	18,713	15,583	15,583	10,200	10,200		18,713 -		12,300	14,304	
UNION?		no			no	no	no	no	no	no	no	no		no		no	no	
************COMPREHENSIVE																		
002482	375,000																	
$$		46,500	32,500		32,500		24,000	24,000			13,000		11,000	23,000		15,000	11,500	
UNION?																		
003654	385,000																	
$$		50,000				25,000	22,000	21,000	20,000	14,000				22,000			21,500	
UNION?		no				no	no	no	no	no				no			no	
003598	433,474																	
$$		45,000			30,000		21,840	17,680	17,680	15,600	11,440	11,440	8,320	18,720			15,600	
UNION?		no			no		no	no	no	no	no	no	no	no			no	
003647	1,878,120																	
$$		54,000	37,000			24,000	20,000	20,000	17,500	16,500	10,000	10,000		19,500		17,000	16,000	22,000
UNION?		no	no			no	no	no	no	no	no	no		no		no	no	no
************LIBERAL ARTS																		
003620	619,805																	
$$		53,000	41,000				28,000	26,000	24,850	24,850		14,450	11,440	28,000		15,600	23,350	
UNION?		no	no				no	no	no	no		no	no	no		no	no	
************2-YR., JR. OR TECH.																		

APPA TABLE 4-B: PHYSICAL PLANT COSTS AND STAFFING DATA FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: CENTRAL

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID.	GSF		PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
001920	287,460	$$	19,124			16,850		14,575	14,575	14,575		12,300		10,000			12,300		
		UNION?																	
001905	404,577	$$	22,500	19,600				18,700	18,700	16,500	13,500	18,400	13,000	11,500	18,700		12,400	12,200	
		UNION?	no	no				no	no	no	no	no	no	no	no		no	no	
************PROFESSIONAL/SPECIALIZED																			
004949	1,075,000	$$	75,000	66,000	50,000	37,000	35,000	29,000	29,000	24,000	20,000	12,000	13,000		24,000	30,000	18,000	22,000	19,000
		UNION?	no	no	no	no	no	no	no	no	no	no	no		no	no	no	no	no
EASTERN																			
************RESEARCH																			
002139	1,349,513	$$	50,000	33,000	33,000	33,000	28,000	26,000	26,000	26,000	24,000	17,000	17,000	15,000	26,000		15,000	20,000	26,000
		UNION?	no	no	no	no	no	no	no	no	no	no	no	no	no		no	no	no
002803	3,471,727	$$		50,000	42,000		34,000	25,000	23,000	21,000	19,000	14,000			25,000		15,000	18,000	25,000
		UNION?	-																
200023	3,800,000	$$	70,000	35,000	52,000	40,000	35,000	33,000	33,000	32,000	30,500	20,000	21,500	19,500	33,000	24,000	15,000	31,000	20,000
		UNION?	no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	no	yes	yes	yes	yes
001444	3,978,455	$$	50,000	40,000	32,000	32,000	27,000	26,000	25,000	21,600	20,000	18,354		18,354	23,155	26,016	15,117	20,190	20,000
		UNION?	no	no	no	no	no	no	no	no	no	yes		yes	no	no	no	no	no
001445	5,500,000	$$	96,800	73,800	64,600	42,800	36,800	29,700	27,700	25,800	21,600	16,300	14,500	14,500	35,000	32,500	19,500	22,600	28,200
		UNION?	no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	no	no	yes	no
002707	5,578,294	$$						30,142	30,142	30,142	30,142	22,463	22,463	21,316	32,408	40,000	20,000	23,980	47,010
		UNION?						yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
002894	5,786,821	$$	75,000	50,000	42,200	45,000	26,600	23,000	23,000	21,000	20,000	15,000		12,800	23,000	18,300	14,700	21,000	20,500
		UNION?	no	no	no	no	no	yes	yes	yes	yes	yes		yes	yes	no	no	yes	no
001431	5,944,521	$$	70,000			50,000	32,000	24,600	24,600	24,600	22,000	15,800	15,800	11,800	24,600		16,000		
		UNION?	no			no	no	yes	yes	yes	yes	yes	yes	yes	yes		no		

APPA TABLE 4-B: PHYSICAL PLANT COSTS AND STAFFING DATA FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: EASTERN

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID.	PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	GSF ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
002178			8,930,673														
$$	62,500	48,800	42,900	42,700	31,400	32,500	32,500	32,200	32,200	22,500		20,600	32,500		15,000		
UNION?	no	no	no	no	no	yes	yes	yes	yes	yes		yes	yes		no		
************DOCTORATE GRANTING																	
200092			2,120,911														
$$				51,936	47,436	40,331	40,331	36,940	35,380	28,620		27,601	42,369				
UNION?				no	no	yes	yes	yes	yes	yes		yes	yes				
001434			2,180,000														
$$	45,700	32,300	28,100	24,100	24,100	21,736	21,736	16,224	14,768	12,272	12,272	9,880	21,736		12,922	11,128	
UNION?	no	no	no	no	no	no	no	no	no	no	no	yes	no		no	no	
200043			2,934,676														
$$						33,259	33,259	33,259	31,345	28,059	25,875	25,147	31,845			30,514	33,257
UNION?						yes	yes	yes	yes	yes	yes	yes	yes			yes	yes
200082			5,556,000														
$$	88,095	70,820	60,917	60,853	36,281	30,928	30,928	28,056	27,591	29,431	24,718	22,897	26,555		24,555	24,253	32,265
UNION?	no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes		yes	yes	yes
************COMPREHENSIVE																	
003235			404,821														
$$	38,000			27,825		17,118	16,952	16,099	15,683	14,913	14,225	14,626					
UNION?																	
650678			1,038,864														
$$	75,000	54,000	65,000	45,000	26,305	26,305	22,716	17,687	17,687	16,722	14,930	13,375	19,955	32,000	15,026	16,722	22,716
UNION?	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
001422			1,086,003														
$$	67,210	45,090	28,000	36,271	28,461	25,800	25,800	25,800	23,045	18,363		13,266	25,899		17,381	23,045	
UNION?	no	no	no	no	no	no	no	no	no	yes		yes	no		no	no	
029099			1,123,491														
$$	36,410	33,100	30,090	27,905	25,370	30,250	30,250	27,000	25,000	21,000	18,500	19,500	27,000		21,000	25,000	23,000
UNION?	no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes		no	yes	no
002233			1,230,000														
$$	65,000		43,000	43,000	27,000	29,000	29,000	25,000	23,000	22,000		18,900	30,000		16,500		
UNION?	no		no	no	no	yes	yes	yes	yes	yes		yes	yes		no		
003404			1,349,404														
$$	45,000	35,000	35,000	30,000	25,000	25,000	20,000	18,000	15,000	15,000	15,000	14,000	17,000	16,000	15,000	15,000	15,000
UNION?	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
003238			1,983,253														
$$	50,000	40,000		22,000	18,900	15,300	15,300	15,300	13,300	12,400	12,400	11,600	17,600		15,300	14,300	17,600
UNION?	no	no		no	no	no	no	no	no	no	no	no	no		no	no	no

APPA TABLE 4-B: PHYSICAL PLANT COSTS AND STAFFING DATA FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: EASTERN

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID.	PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	GSF ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
002806			3,069,590														
$$	49,020	33,540	38,060	25,290	21,840	16,040	15,496	15,496	15,496	12,771		10,608	14,955	18,350	13,333	15,496	
UNION?	no	no	no	no	no	no	no	no	no	no		no	no	no	no	no	
200042			6,240,693														
$$			47,521	38,267		26,834	26,834	24,342	23,938	21,446	21,043	21,043	28,010	26,996	19,421		21,204
UNION?						yes	yes	yes	yes	yes	yes	yes	no				
************LIBERAL ARTS																	
003241			330,000														
$$	30,000	20,000		22,000		22,000	20,000		18,000	18,000	15,000	15,000	21,000			19,000	
UNION?	no	no		no		no	no		no	no	no	no	no			no	
003360			435,000														
$$	32,500										12,000	12,500			14,000	18,000	
UNION?	no										no	no			no	no	
002108			466,500														
$$	44,000	25,000		22,000	20,000	20,000	20,000	16,000	14,000	12,000	12,000	13,000	22,000		18,000	16,000	
UNION?	no	no		no	no	no	no	no	no	no	no	no	no		no	no	
003243			564,380														
$$					18,970	17,930	15,933	16,370	15,205	13,374		12,460	17,930		15,995	14,830	
UNION?					yes	yes	yes	yes	yes	yes		yes	yes		no	yes	
002146			639,000														
$$	50,000			35,000		31,000	31,000	30,000	25,000	15,000		13,500	31,000		17,000	19,000	23,000
UNION?	no			no		no	no	no	no	no		no	no		no	no	no
003262			684,719														
$$	35,000				21,000	28,000	30,000	23,300	16,700	19,800	12,500	12,500	28,000		12,000	15,600	17,800
UNION?	no				no	no	no	no	no	no	no	no	no		no	no	no
003293			743,022														
$$	28,000				23,500	19,000	20,000	21,000	15,000	15,000	11,000	12,000	21,000		13,500		
UNION?	no				no	no	no	no	no	no	no	no	no		no		
003301			750,000														
$$	39,000	33,000		26,500	23,774	22,735	22,735	22,735	18,928	14,790	14,790	14,790	22,735		12,495	16,890	
UNION?	no	no		no	no	no	no	no	no	no	no	no	no		no	no	
003385			754,000														
$$	35,500			28,000	23,900	22,880	21,500	21,500	17,160	17,160		11,900	22,800	18,720	18,720	17,160	
UNION?	no			no	no	no	no	no	no	no		no	no	no	no	no	
003368			874,595														
$$	26,000	31,000				22,526	19,884	19,700	17,078	18,241	14,768	12,022	19,469	11,500	17,784		
UNION?	no	no				no	no	no	no	no	no	no	no	no	no		

APPA TABLE 4-B: PHYSICAL PLANT COSTS AND STAFFING DATA FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: EASTERN

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID.	GSF		PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
003298	1,018,085	$$	34,200	25,650		24,600	22,359	22,359	22,359	13,716	13,716	11,739	9,860	13,716	17,882		15,740	13,716	13,716
		UNION?	no	no		no	no	no	no	no	no	no	no	no	no		no	no	no
002039	1,089,370	$$	50,000	40,000		30,000	27,040	20,800	20,800	15,225	14,476	11,838	11,898	11,336	23,920	23,920	10,956	15,225	16,619
		UNION?																	
003274	1,164,000	$$	50,000	30,000		30,000	21,400	16,900	16,900	16,900	15,500	15,500	13,500	12,100	16,900		16,900	16,900	
		UNION?	no	no		no	no	no	no	no	no	no	no	no	no		no	no	
003284	1,177,000	$$	55,000	45,000		34,000	30,000	26,700	26,700	25,300	23,900	22,000	20,600	20,300	26,700		12,000		
		UNION?	no	no		no	no	no	no	no	no	no	no	no	no		yes		
002078	1,186,718	$$	40,000	30,000		30,000	20,220	17,489	17,489	20,220	17,489	20,220	11,951	11,951	20,220		15,213	15,213	23,178
		UNION?	no	no		no	no	no	no	no	no	no	no	no	no		no	no	no
001414	1,300,000	$$					29,000	24,000	24,000	24,000	24,000	16,300		16,000	24,000		18,000	17,500	
		UNION?					no	yes	yes	yes	yes	yes		yes	yes		no	yes	
002038	1,345,943	$$	49,800	30,000	30,100	27,900	25,400	18,800	18,800	18,800	17,200	15,400	14,200	11,461	20,600		13,300		
		UNION?	no	no	no	no	no	no	no	no	no	no	no	no	no		no		
003370	1,396,475	$$	55,000	35,000	50,000	25,000	31,200	20,800	20,800	20,800	20,800	16,640		14,560	24,960		16,000	22,880	
		UNION?	no	no	no	no	no	no	no	no	no	no		no	no		no	no	
002829	1,600,000	$$	45,000	35,000	33,000	32,500	23,000	20,633	20,633	20,633	20,633	19,780	17,111	15,990	20,633		12,500		20,633
		UNION?	no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes		yes		yes
002229	1,889,392	$$	75,000	45,000	35,000	42,500	35,800	27,200	27,200	24,814	24,814	21,091		19,115	27,200		21,200		
		UNION?	no	no	no	no	no	no	no	no	no	no		no	no		no		
002895	1,951,454	$$	55,000	45,000		35,000	30,000	21,029	21,029	21,029	20,696	14,290	14,290	14,518	21,029		14,872		
		UNION?	no	no		no	no	yes	yes	yes	yes	yes	yes	yes	yes		yes		
002192	1,953,192	$$					34,500	27,331	27,331	26,500	25,188	20,613	20,613	17,888	27,331		19,000		
		UNION?					no	yes	yes	yes	yes	yes	yes	yes	yes		no		

APPA TABLE 4-B: PHYSICAL PLANT COSTS AND STAFFING DATA FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: EASTERN

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID.	PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	GSF ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
002115			2,177,926														
$$					30,773	26,152	26,152	23,301	22,412	17,528		17,528	26,152		21,772		
UNION?					no	no	no	no	no	no		no	no		no		
************2-YR., JR. OR TECH.																	
003366			500,000														
$$	38,000	29,200			22,130	13,700	13,700	12,700		10,600	7,900	9,600	14,600	17,100	10,500		
UNION?	no	no			no	no	no	no		no	no	no	no	no	no		
************PROFESSIONAL/SPECIALIZED																	
200010			100,000														
$$	30,000				22,000											17,000	
UNION?	no				no											no	
002784			500,000														
$$	80,000	44,000	36,000	39,000		26,000	26,000	26,000	24,000	19,000	19,000		26,000		20,000	22,000	
UNION?	no	no	no	no		yes	yes	yes	yes	yes	yes		yes		yes	yes	
002639			1,178,788														
$$	47,000		52,046	37,000	32,430	24,440	24,440	24,440	17,742	14,810	14,102	14,810	24,440	30,764	18,890		26,052
UNION?	no		no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	no	no		no
100816			1,500,000														
$$	90,000	65,000	65,000	55,000	45,000	35,000	35,000	35,000	35,000				35,000		22,000		
UNION?	no	no	no	no	yes	yes	yes	yes	yes				yes		no		
003278			3,272,241														
$$	75,000	52,000	55,000	60,000	38,000	27,000	27,000	27,000	27,000		19,500	20,000	27,000	35,000	19,000		
UNION?	no	no	no	no	no	yes	yes	yes	yes		yes	yes	yes	no	no		
MIDWEST																	
************RESEARCH																	
001691			1,618,488														
$$	60,000			42,000	35,000	33,300	33,300	33,300	33,300	25,000	21,000	19,700	33,300		20,000		
UNION?	no			no	yes	yes	yes	yes	yes	yes	yes	yes	yes		no		
001739			7,805,804														
$$					38,580	34,556	37,041	31,150	33,050	24,450	18,430	17,978	37,041	28,575	15,000	35,997	
UNION?					yes	yes	yes	yes	yes	yes	yes	yes	yes	no	no	yes	
002290			19,402,646														
$$	80,000	65,000	63,000	35,661	30,574	26,811	26,811	26,811	26,311	21,400	18,679	17,077	26,811	25,133	15,829	21,965	
UNION?	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	

************DOCTORATE GRANTING

APPA TABLE 4-B: PHYSICAL PLANT COSTS AND STAFFING DATA FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: MIDWEST

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID.	GSF		PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
003863	3,302,819	$$	50,000	36,000	44,000	38,000	28,000	24,149	23,275	20,654	18,678	15,850	15,850	12,324	21,840		16,837	20,654	25,069
		UNION?	no	no	no	no	no	no	no	no	no	no	no	yes	no		no	no	no
************COMPREHENSIVE																			
002354	792,808	$$	43,000	36,500	30,000	30,000	23,500			22,500		20,000	20,000		28,000		15,000	20,000	
		UNION?	no	no	no	no	yes			yes		yes	yes		yes		no	yes	
009058	631,000	$$	31,000			24,000	24,000	24,000	24,000	21,300	21,300	18,700	18,700	16,100	21,300		15,000	18,700	21,300
		UNION?	no			no	no	no	no	no	no	no	no	no	no		no	no	no
003868	841,000	$$	30,000			25,000		17,000	17,000	17,000	17,000	15,000	15,000	12,000	17,000		12,000	15,000	15,000
		UNION?	no			no		no	no	no	no	no	no	no	no		no	no	no
003892	841,465	$$	40,500			28,183		27,040	38,043	25,588	19,302	15,850	13,770	13,624	29,328		12,480	15,434	14,290
		UNION?	no			no		no	no	no	no	no	no	no	no		no	no	no
003144	1,200,000	$$	45,000	39,000			30,000	18,500	18,500	18,500		13,000		10,000	20,000		12,500	11,500	20,000
		UNION?																	
001641	1,418,639	$$	43,100	17,500	38,000	27,000	17,400	38,900	38,900	16,245	16,245	15,330		13,977	34,965		10,400		17,850
		UNION?	no	no	no	no	yes	yes	yes	yes	yes	yes		yes	yes		no		no
************LIBERAL ARTS																			
001826	227,253	$$	35,000	25,000		22,000	20,000	20,000			17,160	15,300		13,728			14,560	18,500	
		UNION?	no	no		no	no	no			no	no		no			no	no	
003041	340,452	$$	34,000			28,000		20,000				17,500						20,000	
		UNION?																	
001859	410,000	$$	24,300			18,700		15,600	15,600			15,600		13,400			10,400	14,500	
		UNION?																	
003142	450,000	$$						20,000	17,680	17,680		17,680	9,360	9,360			12,480	9,360	
		UNION?						no	no	no		no	no	no			no	no	
002239	516,624	$$	32,000	24,000			24,814	19,427				13,312		12,521	19,427		15,600	10,120	
		UNION?	no	no			no	no				no		no	no		no	no	

APPA TABLE 4-B: PHYSICAL PLANT COSTS AND STAFFING DATA FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: MIDWEST

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID.	GSF	PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
001850	706,670																	
$$		47,000			35,000		23,000	23,000	23,000	23,000	22,000	13,500	13,000	31,000		15,000	18,000	19,000
UNION?		no			no		no	no	no	no	no	no	no	no		no	no	no
003835	961,832																	
$$		44,000	37,000						17,784	19,740	18,547	13,208	13,208	29,484		13,900		
UNION?		no	no						no	no	no	no	no	no		no		
002358	975,000																	
$$		42,000	32,000	40,000	30,000	28,000	37,500	31,600	25,400	24,100	20,100		19,800	31,300		16,600	20,400	
UNION?		no	no	no	no	no	no	yes	yes	yes	yes		yes	yes		no	yes	
002346	1,141,721																	
$$		40,200	27,900	28,600	30,100	28,600	23,700	23,700	23,700	21,000	18,700	13,900	11,400	23,700		13,700	19,215	23,700
UNION?		no	no	no	no	no	no	no	no	no	no	no	no	no		no	no	no
002353	1,195,249																	
$$		55,000			35,000	31,000	29,000	28,000	27,000		20,000		12,000		16,000	20,000		
UNION?																		
001788	1,300,000																	
$$		50,000	36,000		36,000	26,000	23,000	21,000	18,000	15,700	15,000		12,800	21,000		17,000		
UNION?		no	no		no	no	no	no	no	no	no		no	no		no		
003143	1,384,498																	
$$		48,150	40,280			30,700	24,128	24,128	24,128		18,137	11,544	13,586	24,128	23,500	11,710	22,588	24,128
UNION?		no	no			no	no	no	no		no	no	no	no	no	no	no	no
001781	1,400,000																	
$$		33,000	30,000	26,600	26,600	28,200	23,100	23,100	23,100	23,100	21,800	15,700	15,700	23,100		13,500	23,100	23,100
UNION?		no	no	no	no	no	no	no	no	no	no	no	no	no		no	no	no

************2-YR., JR. OR TECH.

INST. ID.	GSF	PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
002236	729,734																	
$$			35,000			24,000	19,000	18,000	16,000	16,000	15,000	14,000	13,500	18,000		13,500		
UNION?			no			no	no	no	no	no	no	no	no	no		no		

************PROFESSIONAL/SPECIALIZED

INST. ID.	GSF	PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
001753	266,400																	
$$		40,000	28,000	32,000	25,000	21,000			20,000			13,000	13,000			15,000	18,000	
UNION?		no	no	no	no	no			no			no	no			no	no	

PACIFIC

************RESEARCH

INST. ID.	GSF	PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
001328	9,800,000																	
$$		70,000	55,000	70,000	45,000	40,000	33,600	33,600	30,800	29,500	15,700	20,250	14,000	34,800	36,000	22,500	19,100	38,000
UNION?																		

APPA TABLE 4-B: PHYSICAL PLANT COSTS AND STAFFING DATA FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: PACIFIC

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID.			GSF														
	PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
************DOCTORATE GRANTING																	
001169			3,237,585														
$$	60,000	45,000	40,000	38,000	33,500	28,891	28,891	27,477	27,477	13,166	23,130	13.166	28,891	18,600	17,108	27,477	28,891
UNION?	no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	no	no	no	no
************COMPREHENSIVE																	
001117			448,796														
$$	33,000			23,200		18,300	18,300	18,300		13,700		13,400			11,500	15,700	
UNION?																	
003788			814,722														
$$	38,712	34,428	28,452	32,826		30,342	27,078	26,940	28,608	17,000	20,838	17,000	25,776		15,000	25,000	20,000
UNION?	no	no	no	no		no	no	no	no	no	no	no	no		no	no	no
011649			1,100,287														
$$	65,000	50,000		45,000	35,000	26,000	26,000	26,000	26,000	21,000		19,000	28,000		18,500	25,000	
UNION?	no	no		no	no	no	no	no	no	no		no	no		no	no	
003797			1,153,292														
$$	37,521			30,967	27,672	25,836	24,036	22,332	22,332	16,008		15,048	31,632		16,008	19,596	22,332
UNION?	no			no	no	no	no	no	no	no		no	no		no	no	no
************LIBERAL ARTS																	
003198			555,965														
$$																	
UNION?																	
003217			652,221														
$$	45,000			30,000		21,000	20,500	20,000	19,000	18,500		18,000	24,000		15,500		
UNION?	no			no		no	no	no	no	no		yes	no		no		
001322			867,814														
$$	33,515	26,910			20,010	18,325		18,325	16,850	11,900					16,850		
UNION?	no	no			no	no		no	no	no					no		
001249			998,963														
$$	57,000			34,500	27,000	25,000	25,000	22,900	22,900	18,700	12,500	14,600	25,000		16,700	16,700	
UNION?	no			no	no	yes	yes	yes	yes	yes	yes	yes	yes		no	no	
************2-YR., JR. OR TECH.																	
001341			400,000														
$$	40,000			32,000		25,000		22,000	18,000	16,000	16,000	15,000	20,000		15,000	17,000	
UNION?	no			no		no		no	no	no	no	no	no		no	no	
001173			1,150,000														
$$	60,000	45,000	40,000	38,000	33,500	28,891	28,891	27,477	27,477	13,166	23,130	13,166	28,891	18,600	17,108	27,477	28,891
UNION?	no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	no	no	yes	yes

APPA TABLE 4-B: PHYSICAL PLANT COSTS AND STAFFING DATA FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: PACIFIC

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID.	GSF		PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC-TRICIAN	PLUM-BER	CARP-ENTER	PAINT ER	GROUNDS KEEPER	LABORER	CUSTO-DIAN	HVAC TECHN.	PROG-RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
001625	1,656,774																		
		$$	40,044	30,040	25,405	26,410	24,092	19,036	18,705	18,468	17,050	14,072	12,417	13,457	18,941		11,888		20,265
		UNION?																	
************PROFESSIONAL/SPECIALIZED																			
001135	98,000																		
		$$	50,000									17,180		17,180			24,000	30,000	
		UNION?	no									yes		yes			no	yes	
004882	2,531,000																		
		$$	45,600	40,440	30,156	18,552	22,464	25,272	25,272	24,132	24,132	14,832	13,572	13,068	25,272	23,208	14,484	16,164	16,920
		UNION?	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
ROCKY MTN.																			
************COMPREHENSIVE																			
002531	592,464																		
		$$	39,000	29,000	26,000		17,000	23,000	23,000	24,900		12,000		13,000			15,000		
		UNION?	no	no	no		yes	yes	yes	yes		yes		yes			yes		
************LIBERAL ARTS																			
001347	1,454,071																		
		$$	42,000	35,000				18,500	18,500	16,500	16,500	11,000			18,500		14,000		
		UNION?	no	no				no	no	no	no	no			no		no		
************PROFESSIONAL/SPECIALIZED																			
001070	325,000																		
		$$	40,000				30,000	21,000	20,000	20,000	20,000	13,000		13,000	20,000	20,000			
		UNION?	no				no	no	no	no	no	no		no	no	no			
SOUTHEASTERN																			
************RESEARCH																			
003535	8,137,094																		
		$$	80,000	54,074	40,000	30,000	30,000	21,611	21,611	21,611	20,508	15,558	15,558	13,478	21,611	28,392	15,621	15,392	25,833
		UNION?	no	no	no	no	no	yes	yes	yes	yes	yes	yes	yes	yes	no	no	yes	no
************DOCTORATE GRANTING																			
002978	2,017,632																		
		$$	60,000	43,500	43,500	37,000	27,000	22,000	20,000	18,000	17,000	11,200		9,760	19,500	26,000	13,500		
		UNION?	no	no	no	no	no	no	no	no	no	no		no	no	no	no		
************COMPREHENSIVE																			
001556	450,782																		
		$$						20,800		20,800	19,760	14,560	10,400	11,710					
		UNION?																	

APPA TABLE 4-B: PHYSICAL PLANT COSTS AND STAFFING DATA FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: SOUTHEASTERN

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID.	GSF	PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC- TRICIAN	PLUM- BER	CARP- ENTER	PAINT ER	GROUNDS KEEPER	LABORER	CUSTO- DIAN	HVAC TECHN.	PROG- RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
001479	635,805																	
$$		31,747	26,720			19,123	16,830	15,640	14,558	13,542	12,871	11,227		16,830		11,227	13,542	17,389
UNION?		no	no			no	no	no	no	no	no	no		no		no	no	no
002927	810,000																	
$$		30,000	25,000		25,000	20,000	18,000	18,000	15,000	15,000	15,000	12,000	11,000	20,000	20,000	12,000	14,000	17,000
UNION?		no	no		no	no	no	no	no	no	no	no	no	no	no	no	no	no
003744	1,914,599																	
$$					40,500	30,000	20,800	20,800	19,469	19,469	13,624	11,356	10,400	20,800		16,000	15,226	
UNION?					no	no	no	no	no	no	no	no	no	no		no	no	
************LIBERAL ARTS																		
002941	437,978																	
$$		33,000			21,000		19,795	17,515	16,294	17,270	13,353	11,123	11,146	17,248		16,758	12,285	
UNION?		no			no		no	no	no	no	no	no	no	no		no	no	
002955	456,694																	
$$		35,000	30,000		20,000				14,000	14,000	14,000		10,000					
UNION?		no	no		no				no	no	no		no					
002960	480,056																	
$$		38,800			22,650		17,350	17,286	16,550	15,042	14,500		10,500	14,588		13,012	14,631	
UNION?		no			no		no	no	no	no	no		no	no		no	no	
001487	513,434																	
$$		41,000			24,000		20,000	20,000	18,000	16,000	11,500		11,500	20,500		15,500		
UNION?		no			no		no	no	no	no	no		no	no		no		
002414	567,500																	
$$		40,000			35,000	25,000	18,000	17,000	21,000	17,000	11,000	9,000	11,000	18,000		14,000	16,000	
UNION?		no			no	no	no	no	no	no	no	no	no	no		no	no	
001964	577,025																	
$$		35,000			25,000	20,000	20,000	15,000	18,000		13,000	10,000	10,000	22,000		12,000	11,000	
UNION?		no			no	no	no	no	no		no	no	no	no		no	no	
003768	1,116,338																	
$$		57,000	31,441		29,481	23,603	20,384	20,696	18,824	17,056	14,376	8,320	13,520	20,696	35,648	18,206	16,536	28,688
UNION?																		
003434	1,230,996																	
$$		45,000			30,000	25,480	23,400	23,816	21,840	18,720	15,080		14,872	22,360		18,200		
UNION?		no			no	no	no	no	no	no	no		no	no		no		
************2-YR., JR. OR TECH.																		
009629	123,611																	
$$		21,079									11,298		10,335					
UNION?		no									no		no					

APPA TABLE 4-B: PHYSICAL PLANT COSTS AND STAFFING DATA FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: SOUTHEASTERN

ANNUAL WAGES FOR STANDARD JOB TITLES
UNION AFFILIATION

INST. ID.	GSF	PHYS. PLANT ADMIN.	ASS'T PLANT ADMIN.	ENG'R/ ARCH	SUP'T	SUP'R	ELEC-TRICIAN	PLUM-BER	CARP-ENTER	PAINT ER	GROUNDS KEEPER	LABORER	CUSTO-DIAN	HVAC TECHN.	PROG-RAMMER	SUPP'T STAFF	GEN. MAINT.	TECHN.
************PROFESSIONAL/SPECIALIZED																		
008419	264,374																	
$$		35,000	28,500								11,247	10,192	10,192			18,618	13,000	14,000
UNION?		no	no								no	no	no			no	no	no
001982	1,082,882																	
$$		30,346			21,421	16,926	13,377	13,377	11,107	11,107	[illegible],171	9,633	9,693	11,107		10,179		
UNION?		no			no	no	no	no	no	no	no	no	no	no		no		
OTHER																		
************DOCTORATE GRANTING																		
200320	6,006,114																	
$$		30,593	26,602		12,055	8,145	5,864	5,864	5,864	4,367		3,910		5,864	13,032	5,702	5,702	5,864
UNION?		no	no		no	no	no	no	no	no		no		no	no	no	no	no

ELECTRICAL, NATURAL GAS, COAL, AND OTHER FUEL COSTS

Table 5-A

Public Institutions by Region 195
  Central 195
  Eastern 199
  Midwest 205
  Pacific Coast 211
  Rocky Mountain 216
  Southeastern 219
  Australasian/Other 225

Table 5-B

Non-Public Institutions by Region 226
  Central 226
  Eastern 227
  Midwest 233
  Pacific Coast 236
  Rocky Mountain 238
  Southeastern 239
  Other 241

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APPA TABLE 5-A:  ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
               By Region Affiliation, Carnegie Class., and TOTAL GSF reported
=====================================================================================================================
REGION:  CENTRAL
INST. ID.  GSF                      UTIL            TRANS                               OTHER SOURCE     OTHER SOURCE
         KWH PURCH.    CO-GEN. KWH  GAS PURCH.(MCF) GAS PURCH.(MCF)    COAL PURCH. UNITS PURCH.     UNITS PURCH.
        ELECT. COST    CO-GEN. COST UTIL. COST      SOURCE COST        COAL COST   COST             COST
                                                    TRANS COST         BTU/TON     BTU              BTU
---------------------------------------------------------------------------------------------------------------------
CENTRAL

************RESEARCH

001108      5,452,056 GSF
         13,843,000    44,697,000      716,922                                                      WATER
          1,051,723                  1,841,443                                                         251,337 CCF


---------------------------------------------------------------------------------------------------------------------
003184      7,642,359 GSF
         51,966,700    85,330,400      517,098        954,525                    STEAM              CHLLD WATER
          1,923,693     4,693,172    1,092,389      1,321,401                    890,339,610 LBS    15,999,163 TON
                                                                                    5,343,830         3,150,129
                                                       437,787
---------------------------------------------------------------------------------------------------------------------
002516      9,149,556 GSF
          5,423,561   158,082,916       63,088                        178,718    PROPANE
            349,964     7,360,341      271,207                      5,479,494           525 GAL
                                                                     10,800.0           295
                                                                                     91,800.0
---------------------------------------------------------------------------------------------------------------------
002565      9,471,159 GSF
        133,000,000     5,174,000    1,002,900
          2,209,637       441,735    2,421,548


---------------------------------------------------------------------------------------------------------------------
003658     13,217,732 GSF
          7,717,000   332,994,388        3,901      5,342,804
            535,000    13,581,390       18,914     11,042,149
                                                   11,005,605
                                                       36,544
---------------------------------------------------------------------------------------------------------------------
010366     13,960,800 GSF
        112,551,000   207,291,000    2,070,449      3,105,674
          4,542,795     8,084,349    8,157,569     10,034,744
                                                    8,870,116
                                                   11,164,628
---------------------------------------------------------------------------------------------------------------------

************DOCTORATE GRANTING

003549        430,457 GSF
          2,865,000                     26,651
            114,600                     57,300


---------------------------------------------------------------------------------------------------------------------
003463      1,304,490 GSF
         26,946,766                                   140,491
          1,078,660                                   244,278

                                                      136,170
---------------------------------------------------------------------------------------------------------------------
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APPA TABLE 5-A: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: CENTRAL

INST. ID. GSF	KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
010300 1,860,179 GSF	44,959,293 555,874		13,453 43,738	50,661 127,880		PROPANE 1,910 GAL 1,656	
003471 2,631,486 GSF	35,249,060 424,282		67,496 162,053		9,812 435,260 12,000.0		
009265 2,965,796 GSF	38,372,939 1,510,359		2,677 15,071		15,500 351,850 7,000.0	INTERPT. GAS 280,456 MCF 611,394 1,030.0	
003606 3,599,710 GSF	45,476,000 2,118,000		25,000 101,750	50,800 206,350 136,700 69,650			
003656 3,687,903 GSF	79,606,734 3,576,065		113,899 484,039	127,093 336,013 286,153 49,860			
003005 4,688,594 GSF	58,669,954 1,138,639		280,560 606,000	2,592,571 517,702	44,828 887,676		
003652 5,867,462 GSF	140,769,220 6,197,583			350,743 1,108,348 641,860 466,488		STEAM 3,406,230 LBS 36,721 1,000.0	CHILLD WATER 681,431 TON 91,723 12,000.0
001928 6,126,130 GSF	83,247,000 3,542,000	12,500,000 532,000	72,000 232,000	638,100 1,919,000 700,000 1,219,000			
003644 6,315,936 GSF	103,039,584 5,193,157		966,615 1,795,881				

************COMPREHENSIVE

APPA TABLE 5-A: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: CENTRAL

INST. ID.	GSF KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
003459	638,629 GSF 3,647,270 185,299		26,820 66,514				
003466	742,334 GSF 3,927,714 50,078		511,344 125,688				
001085	765,000 GSF 6,653,146 461,781		46,773 198,484				
010115	1,202,723 GSF 24,294,979 1,092,425		8,200 33,106			CHLLD. WATER 9,468,370 TON 1,521,231 12,000.0	STEAM 56,397 MMBTU 589,469 1,000.0
003161	1,388,376 GSF 13,743,964 824,637		80,567 229,617				
001926	1,495,056 GSF 12,936,824 931,064		4,300 11,547	139,300 215,628 159,700 55,928			
001927	1,558,718 GSF 11,018,862 502,424		1,843 7,006	66,510 163,595		PROPANEL 4,010 GAL 2,491	
003639	1,702,000 GSF 26,200,800 1,278,005			36,112 175,569 98,957 69,377			
002501	2,006,303 GSF 22,387,692 871,824	828,900	11,799 67,196		9,784 317,002 11,900.0		

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APPA TABLE 5-A:  ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
              By Region Affiliation, Carnegie Class., and TOTAL GSF reported
============================================================================================================
REGION:  CENTRAL
INST. ID.  GSF                   UTIL           TRANS                          OTHER SOURCE   OTHER SOURCE
        KWH PURCH.  CO-GEN. KWH  GAS PURCH.(MCF) GAS PURCH.(MCF) COAL PURCH. UNITS PURCH.   UNITS PURCH.
        ELECT. COST CO-GEN. COST UTIL. COST      SOURCE COST     COAL COST   COST           COST
                                                 TRANS COST      BTU/TON     BTU            BTU
------------------------------------------------------------------------------------------------------------
002554     2,025,412 GSF
        28,205,359                    76,201
         1,274,915                   213,832

------------------------------------------------------------------------------------------------------------
003665     2,156,262 GSF
        24,700,000                   173,000
         2,058,700                   449,800

------------------------------------------------------------------------------------------------------------
001950     2,217,230 GSF
        37,251,757                   223,871
         2,481,641                   231,160

                                                   300,922
------------------------------------------------------------------------------------------------------------
003624     2,867,058 GSF
        63,226,808                    12,185       169,243
         2,739,677                    55,685       170,684
                                                   390,874

------------------------------------------------------------------------------------------------------------
002200     3,093,424 GSF
        22,000,000                   420,000        70,000
           850,000                   800,000       250,000

------------------------------------------------------------------------------------------------------------

***********LIBERAL ARTS

003594     3,882,293 GSF
        75,855,460                   179,165
         4,431,322                   637,233

------------------------------------------------------------------------------------------------------------

***********2-YR., JR. OR TECH.

003539       343,343 GSF
         6,451,430                    15,443
           400,000                    60,000

------------------------------------------------------------------------------------------------------------
007857       359,000 GSF
         3,425,664                     2,038
           216,623                     7,882

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APPA TABLE 5-A:  ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
               By Region Affiliation, Carnegie Class., and TOTAL GSF reported
========================================================================================================================
REGION:  CENTRAL
INST. ID.  GSF                          UTIL             TRANS                               OTHER SOURCE      OTHER SOURCE
         KWH PURCH.    CO-GEN. KWH   GAS PURCH.(MCF) GAS PURCH.(MCF)     COAL PURCH. UNITS PURCH.      UNITS PURCH.
         ELECT. COST   CO-GEN. COST  UTIL. COST      SOURCE COST         COAL COST   COST              COST
                                                     TRANS COST          BTU/TON     BTU               BTU
------------------------------------------------------------------------------------------------------------------------
002470        535,000 GSF
          7,302,015                       266,846
            612,000                       141,000


------------------------------------------------------------------------------------------------------------------------
008244        568,357 GSF
         13,643,140
            751,213


------------------------------------------------------------------------------------------------------------------------
010387        690,531 GSF
         13,105,166                        10,870
            786,310                        39,132


------------------------------------------------------------------------------------------------------------------------

************PROFESSIONAL/SPECIALIZED

005889      1,377,299 GSF
         61,476,900                        12,043        761,084
          2,349,188                        36,973      1,500,882
                                                       1,137,617
                                                         363,265
------------------------------------------------------------------------------------------------------------------------
003659      1,707,772 GSF
         52,790,052                        12,565                                    CHLLD WATER         STEAM
          2,233,980                        48,101                                      17,302,946 TON        111,804 MMBTU
                                                                                        1,129,536            328,480
                                                                                         12,000.0
------------------------------------------------------------------------------------------------------------------------
006895      2,212,738 GSF
         46,434,964                     2,224,558
          2,271,932                       529,080


------------------------------------------------------------------------------------------------------------------------
011618      2,507,085 GSF
         58,799,755                         7,075                                    STEAM             CHLLED WATER
          2,881,188                        31,131                                    182,427,475 LBS.  39,789,147 TONHR
                                                                                        1,566,976         4,379,094

------------------------------------------------------------------------------------------------------------------------
004605      2,763,498 GSF
         67,059,505                         4,925        246,830
          3,841,318                        14,344        662,238
                                                         443,180
                                                         219,058
------------------------------------------------------------------------------------------------------------------------
EASTERN

************RESEARCH
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APPA TABLE 5-A:  ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
                 By Region Affiliation, Carnegie Class., and TOTAL GSF reported
==========================================================================================================
REGION:  EASTERN
INST. ID.  GSF                          UTIL               TRANS                          OTHER SOURCE      OTHER SOURCE
        KWH PURCH.   CO-GEN. KWH   GAS PURCH.(MCF)  GAS PURCH.(MCF)    COAL PURCH.  UNITS PURCH.      UNITS PURCH.
        ELECT. COST  CO-GEN. COST  UTIL. COST       SOURCE COST        COAL COST    COST              COST
                                                    TRANS COST         BTU/TON      BTU               BTU
----------------------------------------------------------------------------------------------------------
003696      3,813,101 GSF
        43,040,683                      425,354
         3,361,759                    1,328,010

----------------------------------------------------------------------------------------------------------
002588      4,026,280 GSF
        42,984,000   1,014,000                                                      STEAM             PROPANE
         3,100,069      64,490                                                          90,460 KLBS       73,281 GAL
                                                                                       247,443            39,390
                                                                                    1,005,000.0         95,500.0
----------------------------------------------------------------------------------------------------------
200098      4,641,460 GSF
        87,330,165                      673,323
         3,848,718                    1,881,792

----------------------------------------------------------------------------------------------------------
200016      4,704,222 GSF
        63,424,012                      416,216
         3,046,219                    1,144,696

----------------------------------------------------------------------------------------------------------
200078      4,940,182 GSF
        82,919,790                      646,032
         3,753,727                    1,659,058

----------------------------------------------------------------------------------------------------------
029013      5,859,000 GSF                                                           PROPANE
        50,500,455                      353,155                                         32,418
         3,398,584                      218,128                                         16,781

----------------------------------------------------------------------------------------------------------
200039      5,989,742 GSF
        89,700,000                      459,088
         3,350,000                    1,620,000

----------------------------------------------------------------------------------------------------------
009554      8,153,490 GSF
       202,093,400                       91,760        74,364           9,421
        11,915,176                      510,499       193,812         481,974
                                                      127,920        13,500.0
                                                       65,892
----------------------------------------------------------------------------------------------------------
002103      9,517,642 GSF
       158,670,000                      923,860                                     N.I. GAS
         8,214,397                    3,235,329                                         22,114 CCF
                                                                                       149,993

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APPA TABLE 5-A:  ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
              By Region Affiliation, Carnegie Class., and TOTAL GSF reported
=============================================================================================================
REGION:  EASTERN
INST. ID.  GSF                   UTIL            TRANS                        OTHER SOURCE   OTHER SOURCE
        KWH PURCH.  CO-GEN. KWH  GAS PURCH.(MCF) GAS PURCH.(MCF)  COAL PURCH. UNITS PURCH.   UNITS PURCH.
       ELECT. COST  CO-GEN. COST UTIL. COST      SOURCE COST      COAL COST   COST           COST
                                                 TRANS COST       BTU/TON     BTU            BTU
-------------------------------------------------------------------------------------------------------------
002711   11,200,000 GSF
       219,300,000    20,000,000      78,250       209,491         60,194    STEAM
        13,800,000     1,200,000     352,000       135,000      3,100,000      1,100,000 MLB
                                                                 12,600.0      3,900,000

-------------------------------------------------------------------------------------------------------------
006965   12,479,328 GSF
       162,438,850    15,472,160                   181,089         65,253
         5,506,677       397,635                   559,336      2,153,349
                                                                 13,418.0

-------------------------------------------------------------------------------------------------------------
006964   13,158,043 GSF
       160,225,446                   466,001       239,871
        11,295,894                 1,996,119       690,830
                                                   461,267
                                                   229,563
-------------------------------------------------------------------------------------------------------------

************DOCTORATE GRANTING

003325    1,600,000 GSF
        35,551,980                    24,658
         2,015,774                    15,305


-------------------------------------------------------------------------------------------------------------
008810    2,709,064 GSF
         2,564,943    35,367,130   1,643,247                          5,958
           188,823                 5,411,432                        212,628


-------------------------------------------------------------------------------------------------------------
200091    4,940,000 GSF
        76,140,817     3,928,400     622,615                                 PROPANE
         3,632,444       187,385   1,958,099                                         30 CCF
                                                                                  1,253

-------------------------------------------------------------------------------------------------------------
002221    6,440,995 GSF
        94,227,000    14,751,000     550,510                         31,366
         6,218,982                 2,091,938                      1,794,136
                                                                   14,000.0

-------------------------------------------------------------------------------------------------------------

************COMPREHENSIVE

003324    1,201,194 GSF
        14,893,617                    68,799        60,000
           700,000                   302,027       347,972
                                                   141,000

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APPA TABLE 5-A: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: EASTERN

INST. ID.	GSF KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
003315	1,753,616 GSF 15,555,952 969,278		60,300 32,526		7,904 590,767		
003328	2,087,980 GSF 26,510,703 1,941,630		4,301 36,860		12,171 937,282 12,000.0		
200045	2,278,020 GSF 37,267,091 1,783,093						
002099	2,649,999 GSF 46,712,275 2,184,126		27,936 130,105	224,078 786,124 533,306 252,818			
*************LIBERAL ARTS							
003683	452,598 GSF 4,039,200 311,160						
200690	1,000,000 GSF 14,000,000 674,000		76,000 280,000				
*************2-YR., JR. OR TECH.							
009994	200,000 GSF 250,000						
007912	235,394 GSF						

APPA TABLE 5-A: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: EASTERN

INST. ID.	GSF KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
007053	300,000 GSF 2,841,968 165,259		9,348 8,983				
006782	300,000 GSF 4,500,000 243,000		7,500 4,000				
100002	302,000 GSF 5,227,391 402,042		140,363 76,376				
006788	310,000 GSF 6,406,625 514,000						
007731	382,789 GSF 4,963,788 397,503						
002176	409,350 GSF 3,801,600 292,158		34,110 152,786				
200100	412,597 GSF 6,199,800 353,826		24,661 99,180				
002058	437,180 GSF 7,943,200 429,662		9,310 44,504	23,825 54,321			
200099	496,117 GSF 10,692,240 542,876		31,286 134,555				

APPA TABLE 5-A: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: EASTERN

INST. ID.	GSF KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
002063	541,412 GSF						
	7,548,700		42,308				
	380,781		169,735				
002871	565,464 GSF						
	7,247,497		302,652	283,635			
	497,411		163,000	99,270			
002089	584,683 GSF						
	9,637,787		34,636				
	499,258		147,291				
200714	630,000 GSF						
	10,560,000		1,171				
	524,300		320,000				
200002	750,000 GSF						
	12,000,000						
	550,000						
200067	942,000 GSF						
	44,634,000		26,368				
	813,970		307,576				
*************PROFESSIONAL/SPECIALIZED							
002893	664,700 GSF						
	77,305,485	3,734,000	318,118				
	4,685,751	473,005	1,254,086				
029013	1,300,000 GSF						
	56,475,972		85,582				
	3,895,086		415,717				
002104	2,707,549 GSF						
	128,754,166		753,140				
	6,233,951		39,993				

APPA TABLE 5-A: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: EASTERN

INST. ID.	GSF	KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
*************OTHER								
200001	607,700 GSF	9,323,790 485,657		33,902 153,635				
MIDWEST								
*************RESEARCH								
001776	8,239,320 GSF	209,065,282 12,769,828		45,828 218,756	987,867 2,652,341 1,707,283 945,058			
002329	8,249,995 GSF	75,996,669 5,733,643			65,596 187,028		STEAM 568,077 MLBS 5,344,414	
003125	8,600,000 GSF	17,850,027 7,104,311		57,736 213,556		38,986 1,648,328 13,000.0		
001869	11,566,963 GSF	27,416,000 795,298	124,946,000		614,263 1,129,064	162,901 4,323,008 9,300.0		
001892	11,851,656 GSF	146,437,000 6,684,071	89,593,620 3,978,032	533,471 1,781,489	127,096 296,801	125,586 4,713,882 12,007.2		
008002	12,640,553 GSF	199,926,289 7,846,103		104,024 454,853			PROPANE 22,033 GAL 16,377 92,000.0	
001825	13,469,479 GSF	124,561,451 4,914,400	50,763,600 1,472,144	65,520 308,914	203,430 410,605 146,608 25,554	112,340 3,654,420 11,000.0	LP GAS 8,765 GAL 5,079 91,500.0	

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APPA TABLE 5-A:  ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
               By Region Affiliation, Carnegie Class., and TOTAL GSF reported
=====================================================================================================================
REGION:  MIDWEST
INST. ID.  GSF                      UTIL            TRANS                          OTHER SOURCE     OTHER SOURCE
         KWH PURCH.   CO-GEN. KWH   GAS PURCH.(MCF) GAS PURCH.(MCF)    COAL PURCH. UNITS PURCH.     UNITS PURCH.
        ELECT. COST   CO-GEN. COST  UTIL. COST      SOURCE COST        COAL COST   COST             COST
                                                    TRANS COST         BTU/TON     BTU              BTU
---------------------------------------------------------------------------------------------------------------------
001775     15,890,000 GSF
        193,000,000      75,640,000      204,071      1,143,510          90,641
          8,561,000       2,589,000    1,383,774      2,559,693       2,229,776
                                                                        10,923.0

---------------------------------------------------------------------------------------------------------------------
003895     16,054,000 GSF
        275,126,150      17,523,800    3,647,450      3,647,450         103,342
         12,573,596         533,262      788,579        788,579       5,532,163
                                                        555,871
                                                        232,708
---------------------------------------------------------------------------------------------------------------------
006883     19,319,111 GSF
        292,700,908      15,313,919       95,115      1,128,464          32,795
         10,512,923         708,733      435,047      2,937,310         937,140
                                                      2,150,814        12,000.0
                                                        786,496
---------------------------------------------------------------------------------------------------------------------
009092     22,362,166 GSF
        250,151,928      89,965,200                   3,815,683
         17,216,244       5,042,395                  11,727,975
                                                      9,563,823
                                                        416,569
---------------------------------------------------------------------------------------------------------------------

************DOCTORATE GRANTING

003032      3,247,390 GSF
         44,900,000                       21,500                                  STEAM
          2,884,000                      101,000                                       148,250 MLB
                                                                                    1,030,900

---------------------------------------------------------------------------------------------------------------------
003896      4,671,500 GSF
         62,362,400                          627          5,543
          2,407,200                        2,047          2,627


---------------------------------------------------------------------------------------------------------------------
003123      4,990,628 GSF
         59,729,676                       85,536                                  STEAM
          3,332,130                      390,453                                      197,372 85656
                                                                                            4

---------------------------------------------------------------------------------------------------------------------
001692      5,300,000 GSF
         62,962,959                       21,356        563,767
          3,798,867                       85,423      1,388,834


---------------------------------------------------------------------------------------------------------------------
007104      5,321,002 GSF
         52,000,000                       20,000        180,000          18,000
          2,600,000                      105,000        950,000         900,000


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APPA TABLE 5-A:  ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
               By Region Affiliation, Carnegie Class., and TOTAL GSF reported
================================================================================================================
REGION:  MIDWEST
INST. ID.  GSF                    UTIL            TRANS                             OTHER SOURCE    OTHER SOURCE
         KWH PURCH.  CO-GEN. KWH  GAS PURCH.(MCF) GAS PURCH.(MCF)   COAL PURCH. UNITS PURCH.    UNITS PURCH.
         ELECT. COST CO-GEN. COST UTIL. COST      SOURCE COST       COAL COST   COST            COST
                                                  TRANS COST        BTU/TON     BTU             BTU
----------------------------------------------------------------------------------------------------------------
001737     5,449,087 GSF
         74,754,746                    25,189        668,014
          4,894,730                   654,843      1,265,251


----------------------------------------------------------------------------------------------------------------
001786     5,490,672 GSF
         80,897,000                   152,998          1,709         26,999
          3,780,000                   645,849        244,550        914,618
                                                                        1.4

----------------------------------------------------------------------------------------------------------------
002330     6,306,389 GSF
         49,507,489                       331                                  STEAM
          2,467,678                   126,876                                      733,221 MLBS
                                                                                3,224,222

----------------------------------------------------------------------------------------------------------------
001758     6,469,406 GSF
         96,014,358                   693,203                        44,000    LP GAS
          5,372,336                   349,180                     1,454,000        82,800 GAL
                                                                   13,000.0        46,700

----------------------------------------------------------------------------------------------------------------

************COMPREHENSIVE

001808       583,821 GSF
         13,861,603                    39,838
            614,069                   139,433


----------------------------------------------------------------------------------------------------------------
009333       652,421 GSF
          9,250,097                       235         25,374
            541,464                     1,137        117,898
                                                      61,378
                                                      56,519
----------------------------------------------------------------------------------------------------------------
001827       676,000 GSF
          8,915,750                    48,552
            568,388                   205,335


----------------------------------------------------------------------------------------------------------------
003919     1,919,027 GSF
         16,476,800                    72,150                         4,325
            688,049                   149,275                       215,957


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003915     2,100,996 GSF
         18,200,000                   151,000
            746,050                   314,450


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APPA TABLE 5-A:  ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
               By Region Affiliation, Carnegie Class., and TOTAL GSF reported
======================================================================================================================
REGION:  MIDWEST
INST. ID.  GSF                      UTIL            TRANS                          OTHER SOURCE      OTHER SOURCE
        KWH PURCH.    CO-GEN. KWH   GAS PURCH.(MCF) GAS PURCH.(MCF)    COAL PURCH. UNITS PURCH.      UNITS PURCH.
        ELECT. COST   CO-GEN. COST  UTIL. COST      SOURCE COST        COAL COST   COST              COST
                                                    TRANS COST         BTU/TON     BTU               BTU
----------------------------------------------------------------------------------------------------------------------
003924      2,180,180 GSF
          19,664,800                         938                          6,594
             895,000                      39,716        210,640         387,859
                                                                       13,800.0
----------------------------------------------------------------------------------------------------------------------
002292      2,498,222 GSF
          22,173,000                      25,800        202,200
           1,287,000                     107,400        532,400

----------------------------------------------------------------------------------------------------------------------
001674      2,571,770 GSF
          34,373,367                       8,437        485,465           2,837
           1,871,374                      39,503        256,612          81,564
                                                        857,806        10,564.0
                                                        109,515
----------------------------------------------------------------------------------------------------------------------
002388      2,611,880 GSF
          26,026,547                     239,331
           1,166,626                     621,561

----------------------------------------------------------------------------------------------------------------------
001890      3,521,746 GSF
          29,500,408     16,816,000      132,162                         27,854
           1,190,709        294,280      400,826                        999,705
                                                                       12,565.0
----------------------------------------------------------------------------------------------------------------------
002243      4,121,340 GSF
          35,614,219      2,459,200                  49,857,817                    WOOD               LP GAS
           3,673,473                                    172,719                         283,376 CCF       212,565 CCF
                                                                                        971,548           734,058
----------------------------------------------------------------------------------------------------------------------
001780      4,250,000 GSF
          48,626,394                                    540,318           5,986    LP GAS
           2,551,073                                  1,452,062         172,093          1,780 GAL
                                                        806,154        11,600.0          1,030
                                                        645,908
----------------------------------------------------------------------------------------------------------------------
009563      4,554,064 GSF
          69,983,308                      93,308                         31,405
           2,941,111                     350,776                        923,495

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************LIBERAL ARTS

003109      1,285,539 GSF
           9,396,870                       6,643         55,939           1,727
             456,431                      32,840        193,117          79,437
                                                        142,256        12,500.0
                                                         50,861
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APPA TABLE 5-A:  ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
               By Region Affiliation, Carnegie Class., and TOTAL GSF reported
==================================================================================================================
REGION:  MIDWEST
INST. ID.  GSF                        UTIL            TRANS                                OTHER SOURCE    OTHER SOURCE
         KWH PURCH.   CO-GEN. KWH   GAS PURCH.(MCF) GAS PURCH.(MCF)    COAL PURCH. UNITS PURCH.    UNITS PURCH.
         ELECT. COST  CO-GEN. COST  UTIL. COST      SOURCE COST        COAL COST   COST            COST
                                                    TRANS COST         BTU/TON     BTU             BTU
------------------------------------------------------------------------------------------------------------------

*************2-YR., JR. OR TECH.

002295        137,000 GSF
          1,554,800                                     18,000
             80,000                                     80,000
                                                        55,000
                                                        25,000
------------------------------------------------------------------------------------------------------------------
008740        171,500 GSF

             94,740                     19,288


------------------------------------------------------------------------------------------------------------------
007598        284,000 GSF
          4,506,896                      7,225          10,408
            290,461                     47,609          64,529


------------------------------------------------------------------------------------------------------------------
002237        289,266 GSF
          1,220,640                     19,057
             80,780                     84,117


------------------------------------------------------------------------------------------------------------------
001705        310,294 GSF
          3,847,103                     24,596
            313,675                     62,640


------------------------------------------------------------------------------------------------------------------
002297        312,842 GSF
          2,827,200                                     19,492
            161,674                                     74,232
                                                        49,705
                                                        24,527
------------------------------------------------------------------------------------------------------------------
007170        319,925 GSF
          9,483,396                                     27,779
            468,236                                     90,000


------------------------------------------------------------------------------------------------------------------
008318        343,840 GSF
          6,236,693                        316
            373,100                    137,669


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009896        346,140 GSF
          6,942,736                        524
            488,901                      1,960


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APPA TABLE 5-A:  ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
               By Region Affiliation, Carnegie Class., and TOTAL GSF reported
=====================================================================================================================
REGION:  MIDWEST
INST. ID.  GSF                      UTIL            TRANS                          OTHER SOURCE     OTHER SOURCE
         KWH PURCH.   CO-GEN. KWH   GAS PURCH.(MCF) GAS PURCH.(MCF)    COAL PURCH. UNITS PURCH.     UNITS PURCH.
        ELECT. COST   CO-GEN. COST  UTIL. COST      SOURCE COST        COAL COST   COST             COST
                                                    TRANS COST         BTU/TON     BTU              BTU
---------------------------------------------------------------------------------------------------------------------
004595        387,660 GSF
          5,007,051                      20,362
            266,350                      74,140

---------------------------------------------------------------------------------------------------------------------
006867        447,000 GSF

            600,000                     100,000

---------------------------------------------------------------------------------------------------------------------
001769        496,000 GSF
          8,266,837                     437,530
            661,347                      90,000

---------------------------------------------------------------------------------------------------------------------
002274        496,000 GSF
          5,438,000                                      44,000
            309,798                                     145,840
                                                        109,560
                                                         36,280
---------------------------------------------------------------------------------------------------------------------
003961        733,990 GSF
         11,049,420                      70,632
            804,192                     232,777

---------------------------------------------------------------------------------------------------------------------
006656      1,139,965 GSF
         20,477,493                      89,593
          1,577,766                     155,301         139,486

---------------------------------------------------------------------------------------------------------------------
010784      1,300,000 GSF
         13,652,760                     745,371
            649,866                     223,870

---------------------------------------------------------------------------------------------------------------------
003119      1,488,943 GSF
         21,955,371                      51,991                                    STEAM
          1,136,458                     196,812                                         18,085 MLB
                                                                                       197,984
                                                                                       1,200.0
---------------------------------------------------------------------------------------------------------------------
008797      1,740,576 GSF
         35,152,404                      73,212          58,909
          2,125,338                     375,986         254,724

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************PROFESSIONAL/SPECIALIZED
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APPA TABLE 5-A:  ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
               By Region Affiliation, Carnegie Class., and TOTAL GSF reported
====================================================================================================================
REGION:  MIDWEST
INST. ID.  GSF                      UTIL            TRANS                         OTHER SOURCE     OTHER SOURCE
         KWH PURCH.   CO-GEN. KWH   GAS PURCH.(MCF) GAS PURCH.(MCF)   COAL PURCH. UNITS PURCH.     UNITS PURCH.
         ELECT. COST  CO-GEN. COST  UTIL. COST      SOURCE COST       COAL COST   COST             COST
                                                    TRANS COST        BTU/TON     BTU              BTU
--------------------------------------------------------------------------------------------------------------------
900006        178,669 GSF
           2,986,901                      6,572          5,840
             219,871                     23,656         18,984
                                                        12,476
                                                         6,508
--------------------------------------------------------------------------------------------------------------------
100001        519,471 GSF
          11,282,523                        166         41,000
             628,147                        920

                                                        84,489
                                                        46,887
--------------------------------------------------------------------------------------------------------------------
007737      1,380,895 GSF
          44,844,903                      4,344                         15,825   DIESEL FUEL
           2,818,138                     22,882                        822,900        27,068 GAL
                                                                      12,880.0        19,489
                                                                                   138,690.0
--------------------------------------------------------------------------------------------------------------------
009168      1,916,440 GSF
          44,000,000                     11,011        127,619                   L.P.G.
           2,300,000                     42,200        463,271                         4,390
                                                                                       4,300

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PACIFIC

************RESEARCH

001626      3,192,422 GSF
          49,600,000                     60,000                                  WOOD
           1,508,100                    210,000                                       19,650 BDT
                                                                                     687,750
                                                                                     8,900.0
--------------------------------------------------------------------------------------------------------------------
003223      4,127,010 GSF
          45,431,860     8,800,000      142,958                                  HOG FUEL
           1,065,254       187,538       62,093                                       32,507 UNIT
                                                                                     496,057
                                                                                12,000,000.0
--------------------------------------------------------------------------------------------------------------------
001320      4,163,295 GSF
          74,672,891                    299,459                                  PROPANE
           6,262,571                  1,154,956                                       12,401 THERM
                                                                                      13,996

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001319      5,051,250 GSF
          51,043,000     1,203,500      513,645
           3,872,000        91,346    2,069,000


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APPA TABLE 5-A: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: PACIFIC

INST. ID.	GSF	KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
003210	5,925,380 GSF	47,360,000 1,950,500		5,925 15,961	348,523 585,998 265,800			
001317	8,601,000 GSF	160,638,680 10,340,300		899,248 4,001,700				
001313	9,110,382 GSF	132,212,000 5,897,000	22,330,000 877,000	1,132 4,585,500			LP GAS 28,000 GAL 19,000	
003800	9,156,000 GSF	108,700,000 3,685,000	17,000,000 214,677	27,500 90,000	300,000 600,000 336,000 264,000	28,000 1,680,000 12,500.0		
001312	12,948,626 GSF	155,660,000 10,376,577		154,072 766,680			STEAM 1,220,466 MCF 4,793,429	
003798	13,725,400 GSF	188,011,200 5,515,793	15,304,000 195,632	1,196,205 2,671,771				
************DOCTORATE GRANTING								
001620	2,417,465 GSF	30,937,412 1,005,604		112,697 274,187		2,309 88,310 1,100.0		
001321	2,817,013 GSF	11,526,800 1,053,500	18,108,200 1,190,100	349,828 1,367,700			PROPANE 36,108 GAL 23,900 92,500.0	
001316	2,818,926 GSF	48,907,252 3,937,812		53,192 210,000	295,985 949,839 688,306 261,533			

APPA TABLE 5-A: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS

By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: PACIFIC

INST. ID.	GSF	KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
003216	3,203,630 GSF	16,667,045 1,332,943		80,009 38,217	814,849 204,330			
000151	4,467,226 GSF	14,896,512 1,189,419	21,250,779 1,251,117	400,040 1,924,796				
*************COMPREHENSIVE								
001138	1,300,000 GSF	15,556,336 1,137,122		1,077,564 334,178				
003771	1,375,200 GSF	17,417,219 552,177		642,940 604,339				
001150	1,852,745 GSF	23,572,700 1,385,162		813,984 287,751				
001616	2,022,234 GSF	18,138,700 531,480		781,350 217,600				
001146	2,125,000 GSF	25,672,143 1,959,372		731,472 336,750				
001147	2,181,420 GSF	34,677,132 2,536,691		215,407 727,768				
003775	2,208,943 GSF	23,192,700 868,377		175,206 520,398				

APPA TABLE 5-A: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: PACIFIC

INST. ID.	GSF KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
003802	2,607,800 GSF						
	20,121,500		178,400				
	646,900		514,900				
001143	2,820,462 GSF					PROPANE	
	27,146,602	1,083,955	244,524			5,579 GAL	
	1,979,660	19,411	900,804			4,120	
						93,000.0	
001136	2,849,091 GSF						
	36,752,456	716,833	1,364,928				
	3,293,029	59,861	702,100				
001155	4,267,978 GSF						
	44,921,964	40,245,352	269,399				
	3,277,332	2,789,800	1,030,858				

*************LIBERAL ARTS

INST. ID.	GSF KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
008155	1,000,000 GSF						
	15,556,876		73,962				
	606,718		257,883				

*************2-YR., JR. OR TECH.

INST. ID.	GSF KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
029231	193,000 GSF						
	2,550,920		771,580				
	194,366		35,369				
001615	196,000 GSF						
	2,200,000						
	240,000						
008596	307,640 GSF						
	2,500,000						
	301,505		48,363				

APPA TABLE 5-A: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: PACIFIC

INST. ID.	GSF KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
003773	506,200 GSF 6,070,969 229,392		6,480 29,734				
001250	679,121 GSF 10,698,360 812,456		318,214 153,543				
001161	711,404 GSF 11,554,550 1,194,333	815,535 75,029	44,906,700 245,881				
666907	840,676 GSF 9,426,742 640,819		34,151 167,100			PROPANE 37,222 THERM 18,289	
001197	1,228,244 GSF 14,142,000 1,341,202		218,282				
001265	1,229,579 GSF 9,455,733 785,992		51,377 303,638				
200006	1,905,285 GSF 29,400,000 1,137,000		 482,000			PROPANE 15,850 GAL 15,000	
001189	11,111,618 GSF 14,955,000 1,288,995		636 273,116				

************PROFESSIONAL/SPECIALIZED

INST. ID.	GSF KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
003209	1,017,333 GSF 8,539,904 250,075		795,468 190,162				

APPA TABLE 5-A: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS

By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: PACIFIC

INST. ID.	GSF KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
009020	1,028,781 GSF 14,779,000 1,182,320		991,886 347,160				
ROCKY MTN.							
*************RESEARCH							
002654	970,528 GSF 10,282,140 838,395		43,299 838,395				
200087	4,068,170 GSF 67,213,793 2,092,383		18,013 73,126	474,768 982,410 782,687 199,723			
003932	4,464,987 GSF 52,589,493 1,817,149		148,593 562,089		17,422 710,716 11,685.0		
003677	4,988,026 GSF 48,973,538 2,304,748		51,991,054 336,233	52,164 93,890 70,421 23,469	14,078 487,943		
001083	6,172,163 GSF 201,711,049 11,844,105		6,843,259 2,855,739				
001350	7,138,821 GSF 85,807,300 3,569,600		169,200 562,150	678,233 1,601,100 1,091,800 509,300		PROPANE 20,700 GAL 12,800	
003675	7,354,132 GSF 163,502,000 6,540,100		45,472 192,800	345,432 739,780 497,860 241,920	20,426 653,240 12,300.0		

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APPA TABLE 5-A:  ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
              By Region Affiliation, Carnegie Class., and TOTAL GSF reported
==========================================================================================================
REGION:  ROCKY MTN.
INST. ID.  GSF                   UTIL            TRANS                         OTHER SOURCE     OTHER SOURCE
        KWH PURCH.  CO-GEN. KWH  GAS PURCH.(MCF) GAS PURCH.(MCF)   COAL PURCH. UNITS PURCH.     UNITS PURCH.
        ELECT. COST CO-GEN. COST UTIL. COST      SOURCE COST       COAL COST   COST             COST
                                                 TRANS COST        BTU/TON     BTU              BTU
----------------------------------------------------------------------------------------------------------
001081    7,381,292 GSF
      157,308,772                   299,800
        9,689,038                 1,370,882


----------------------------------------------------------------------------------------------------------
001370    7,500,000 GSF
       81,059,200                    51,945         640,382
        3,811,535                   179,530       1,692,875
                                                  1,209,500
                                                    483,375
----------------------------------------------------------------------------------------------------------
200140   11,422,000 GSF
      171,046,134                   955,455
        5,519,655                 2,187,860


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*************DOCTORATE GRANTING

002536    2,915,730 GSF
       22,790,600                   249,591
          924,445                   870,579


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002532    4,051,369 GSF
       27,497,340                   244,029
        1,417,440                   759,247


----------------------------------------------------------------------------------------------------------
200077    6,571,355 GSF
      140,917,680                   648,950                                   STEAM
        4,468,966                 1,470,083                                       133,000 MCF
                                                                                  792,000

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*************COMPREHENSIVE

002653      777,623 GSF
        6,663,553                    53,771
          564,902                   215,084


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002530      844,729 GSF
        8,775,083                   371,171
          308,730                   246,137


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*************LIBERAL ARTS
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APPA TABLE 5-A: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: ROCKY MTN.

INST. ID.	GSF	KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
200890	1,343,782 GSF	23,900,070 1,323,701			159,302 375,806 256,867 118,939			
009542	1,375,602 GSF	23,887,888 1,227,020		12,454 40,788			STEAM 49,350 MLB 353,479 1,000,000.0	

*************2-YR., JR. OR TECH.

INST. ID.	GSF	KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
029242	146,926 GSF	2,822,000 184,859		30,000 9,564				
009543	268,110 GSF	3,457,683 193,603		20,592 66,468				
007582	290,000 GSF	3,379,709 135,200		2,431 8,900	13,122 26,244 14,751			 12,150
001361	550,000 GSF	1,900,000 152,000		372,189 139,174				
200044	879,214 GSF	4,212,000 156,456		32,036 32,648				
001365	885,751 GSF	7,711,117 316,501		95,966 49,178	53,596 108,777			

*************PROFESSIONAL/SPECIALIZED

APPA TABLE 5-A: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: ROCKY MTN.

INST. ID.	GSF KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
004508	1,731,922 GSF						
	40,819,828	3,366,718	4,304,513				
	2,084,889		1,278,266				
010313	5,400,000 GSF						
	62,400,000	13,500,000	51,680	746,700			
	4,100,000	910,000	200,000	1,978,755			
SOUTHEASTERN							
*************RESEARCH							
002029	2,914,448 GSF						
	50,137,204		172,016				
	2,872,499		823,156				
003827	3,000,000 GSF						
	109,028,918		987,494				
	3,843,368		2,861,425				
003509	3,997,552 GSF						
	56,833,708		111,362	60,750			
	3,025,384		473,718	129,359			
001569	5,000,000 GSF						
	116,000,000		194,730	129,411			
	5,468,000		950,161	292,992			
				246,902			
				46,090			
002423	5,089,353 GSF						
	96,628,875		113,952	304,142			
	4,717,190		567,589	815,409			
003735	5,848,274 GSF						
	185,337,691		681,906				
	7,836,719		2,481,835				

APPA TABLE 5-A: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: SOUTHEASTERN

INST. ID.	GSF KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
001051	5,976,469 GSF						
	90,395,217		115,128		4,624		
	4,482,247		503,858		187,972		
					13,500.0		
003754	6,274,631 GSF						
	97,547,000	17,680,000	94,255		24,451		
	4,861,547	497,466	228,234		987,806		
					13,400.0		
001052	6,421,289 GSF						
	216,471,721		112,780	101,111		STEAM	
	11,651,481		558,739	382,358		268,498 MLBS	
				271,135		2,655,016	
				111,223		1,000.0	
006968	6,745,250 GSF						
	141,400,000		176,687		24,761		
	6,123,000		667,914		1,270,803		
					13,800.0		
003448	7,773,424 GSF						
	142,066,513		498,534				
	6,427,369		2,104,434				
001598	8,288,954 GSF						
	169,007,549		143,156	433,031	19,500		
	7,543,028		750,973	1,227,276	975,780		
				974,071	14,075.0		
				253,205			
002010	8,419,000 GSF						
	188,219,000			624,890			
	9,030,500			1,462,500			
				1,237,200			
				225,300			
002972	8,779,961 GSF						
	136,038,000		415,581				
	7,868,813		1,519,920				
001989	10,458,305 GSF						
	88,254,932		12,343	187,865	8,288	PROPANE	
	2,951,095		63,042	395,103	299,888	8,467 GAL	
				300,584	13,750.0	5,308	
				94,519		91,600.0	

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APPA TABLE 5-A:  ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
               By Region Affiliation, Carnegie Class., and TOTAL GSF reported
=====================================================================================================
REGION:  SOUTHEASTERN
INST. ID.  GSF                         UTIL             TRANS                             OTHER SOURCE     OTHER SOURCE
        KWH PURCH.    CO-GEN. KWH   GAS PURCH.(MCF) GAS PURCH.(MCF)     COAL PURCH.  UNITS PURCH.     UNITS PURCH.
        ELECT. COST   CO-GEN. COST  UTIL. COST      SOURCE COST         COAL COST    COST             COST
                                                    TRANS COST          BTU/TON      BTU              BTU
-----------------------------------------------------------------------------------------------------
002974      10,500,000 GSF
        221,981,957     34,653,000      301,119                              45,459
         11,364,420      1,779,460    1,123,126                           2,045,000


-----------------------------------------------------------------------------------------------------
003530      11,204,285 GSF
        163,644,258                      32,862                              30,274
          7,663,732                     173,709                             979,442
                                                                           13,200.0

-----------------------------------------------------------------------------------------------------
001535      13,687,555 GSF
        264,706,000      3,329,280    1,133,759
         11,872,064          3,800    3,154,783


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************DOCTORATE GRANTING

003728       1,740,247 GSF
         25,590,921                     183,598
          1,322,232                      91,144


-----------------------------------------------------------------------------------------------------
002015       2,076,114 GSF
         42,436,600                      58,900
          2,715,100                     301,800


-----------------------------------------------------------------------------------------------------
003705       2,192,995 GSF
         42,852,140                   5,299,604
          1,965,661                     745,804


-----------------------------------------------------------------------------------------------------
002976       2,817,649 GSF
         45,827,640                     262,621
          1,947,675                     856,144


-----------------------------------------------------------------------------------------------------
002441       3,006,124 GSF
         49,841,224                     167,292
          2,126,245                     586,788


-----------------------------------------------------------------------------------------------------
002440       3,846,017 GSF
         57,370,142                     276,188
          2,912,838                     774,960


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APPA TABLE 5-A: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS

By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: SOUTHEASTERN

INST. ID.	GSF KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
001999	4,678,062 GSF 90,491,966 4,000,820		81,763 335,230		3,592 152,647 13,500.0	STEAM 88,180,000 LB 504,390 985.0	CHLLD. WATER 5,330,500 TON 852,880 12,000.0
003425	5,149,753 GSF						
*************COMPREHENSIVE							
001546	427,067 GSF 7,005,800 442,342						
902013	650,000 GSF 7,861,388 424,514		12,000 56,280				
003826	686,550 GSF 10,524,020 483,567		57,094 220,015				
001573	730,391 GSF 8,701,840 493,891		193,911 121,061				
001968	904,743 GSF 16,000,000 720,000		18,000 90,000		1,400 90,000		
001566	983,226 GSF 432,095		 312,772				
003529	1,572,317 GSF 4,116,000 202,492		2,023,886 709,903				

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APPA TABLE 5-A:  ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
               By Region Affiliation, Carnegie Class., and TOTAL GSF reported
==============================================================================================================
REGION:  SOUTHEASTERN
INST. ID.  GSF                           UTIL               TRANS                              OTHER SOURCE      OTHER SOURCE
        KWH PURCH.    CO-GEN. KWH    GAS PURCH.(MCF)  GAS PURCH.(MCF)       COAL PURCH.  UNITS PURCH.      UNITS PURCH.
        ELECT. COST   CO-GEN. COST   UTIL. COST       SOURCE COST           COAL COST    COST              COST
                                                      TRANS COST            BTU/TON      BTU               BTU
--------------------------------------------------------------------------------------------------------------
001480     1,896,105 GSF
         31,399,330                      160,634                                        L.P. GAS
          2,028,469                      610,559                                              1,572 GAL
                                                                                              1,289
                                                                                           91,600.0
--------------------------------------------------------------------------------------------------------------
003732     1,935,365 GSF
         15,300,000                       86,502
            658,200                      333,522

--------------------------------------------------------------------------------------------------------------
003522     2,072,614 GSF
         30,776,515                        1,065                             3,974
              1,625                      458,000                           175,235

--------------------------------------------------------------------------------------------------------------
003749     2,231,480 GSF
         36,432,956                        6,503
          1,660,775                        4,674

--------------------------------------------------------------------------------------------------------------
002981     2,288,127 GSF
         28,322,400
            899,309

--------------------------------------------------------------------------------------------------------------
002367     2,600,000 GSF
         27,868,800                       21,624                             8,669
            903,899                       85,970                           297,210

--------------------------------------------------------------------------------------------------------------
001977     3,071,040 GSF
         45,839,806                       52,874
          2,523,804                      228,078

--------------------------------------------------------------------------------------------------------------
002923     3,712,690 GSF
         48,665,692                      130,000
          2,680,746                      909,743

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************LIBERAL ARTS

003719     1,144,005 GSF
          7,683,871                                                                     WOOD
            537,871                                                                           5,138 TON
                                                                                             61,656

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APPA TABLE 5-A: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: SOUTHEASTERN

INST. ID.	GSF KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
*************2-YR., JR. OR TECH.							
008242	56,341 GSF						
	393,965						
	50,247						
010997	69,835 GSF						
	1,400,000						
	108,500						
004004	150,000 GSF						
	2,478,589		186,700				
	173,501		11,202				
008083	234,781 GSF						
	3,017,740						
	252,442						
008145	264,207 GSF						
	6,915,510		8,781				
	196,431		47,815				
003483	295,135 GSF						
	2,522,295		7,856				
	148,665		41,921				
007105	376,483 GSF						
	7,318,761		60,906				
	395,938		26,603				
001484	1,665,595 GSF						
	21,476,528		2,436				
	1,340,375		20,673				
001506	2,000,000 GSF						
	43,000,000						
	3,000,000		50,000				

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APPA TABLE 5-A:  ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR PUBLIC INSTITUTIONS
               By Region Affiliation, Carnegie Class., and TOTAL GSF reported
=====================================================================================================================
REGION:  SOUTHEASTERN
INST. ID.  GSF                      UTIL            TRANS                          OTHER SOURCE     OTHER SOURCE
         KWH PURCH.   CO-GEN. KWH   GAS PURCH.(MCF) GAS PURCH.(MCF)    COAL PURCH. UNITS PURCH.     UNITS PURCH.
        ELECT. COST   CO-GEN. COST  UTIL. COST      SOURCE COST        COAL COST   COST             COST
                                                    TRANS COST         BTU/TON     BTU              BTU
---------------------------------------------------------------------------------------------------------------------

************PROFESSIONAL/SPECIALIZED

002013      1,472,896 GSF
         42,621,192                     162,412
          1,842,241                     734,044

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003438      2,977,335 GSF
         95,961,155                     165,316
          3,913,242                     640,247

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AUSTRALASIAN

************RESEARCH

900090        592,034 GSF
         12,760,400
          1,638,370

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900030      3,000,000 GSF
         15,586,665                         106                          2,482    STEAM
          1,125,656                     129,734                        128,900      8,708,330 KG
                                                                       6,890.0        204,996
                                                                                      1,110.0
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OTHER

************RESEARCH

900035        849,631 GSF



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APPA TABLE 5-B:  ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR NON-PUBLIC INSTITUTIONS
               By Region Affiliation, Carnegie Class., and TOTAL GSF reported
=====================================================================================================================
REGION:  CENTRAL
INST. ID.  GSF                      UTIL            TRANS                          OTHER SOURCE     OTHER SOURCE
         KWH PURCH.   CO-GEN. KWH   GAS PURCH.(MCF) GAS PURCH.(MCF)    COAL PURCH. UNITS PURCH.     UNITS PURCH.
        ELECT. COST   CO-GEN. COST  UTIL. COST      SOURCE COST        COAL COST   COST             COST
                                                    TRANS COST         BTU/TON     BTU              BTU
---------------------------------------------------------------------------------------------------------------------
CENTRAL

************RESEARCH

201350      1,413,183 GSF
              11,892                      18,471
             314,762                      39,713


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************DOCTORATE GRANTING

003623        911,205 GSF
          15,997,884                      36,429
             715,788                     118,199


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003636      2,589,616 GSF
          40,555,000                      86,100
           1,900,000                     445,000


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003613      2,810,000 GSF
          51,384,720                     191,764
           2,348,650                     752,554


---------------------------------------------------------------------------------------------------------------------
006967      3,231,754 GSF
          32,296,954     23,521,680      268,102        266,155
           1,440,233        512,000      758,871
                                                        401,786
                                                         95,077
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************COMPREHENSIVE

002482        375,000 GSF
           3,020,369                      14,469
             191,079                      63,552


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003654        385,000 GSF

             411,000                      34,800


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APPA TABLE 5-B:  ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR NON-PUBLIC INSTITUTIONS
             By Region Affiliation, Carnegie Class., and TOTAL GSF reported
=========================================================================================================
REGION:  CENTRAL
INST. ID. GSF                   UTIL           TRANS                       OTHER SOURCE   OTHER SOURCE
       KWH PURCH.   CO-GEN. KWH GAS PURCH.(MCF) GAS PURCH.(MCF)  COAL PURCH. UNITS PURCH.  UNITS PURCH.
       ELECT. COST  CO-GEN. COST UTIL. COST    SOURCE COST      COAL COST  COST           COST
                                               TRANS COST       BTU/TON    BTU            BTU
---------------------------------------------------------------------------------------------------------
003598      433,474 GSF
         5,666,430                 105,909
           235,220                  29,510


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003647    1,878,120 GSF
        33,392,078                  53,607
         1,394,001                 184,057


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*************LIBERAL ARTS

003620      619,805 GSF
         9,001,238                  23,843
           579,220                 139,289


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*************2-YR., JR. OR TECH.

001920      287,460 GSF
         1,366,217                  12,272
           119,830                  44,998


---------------------------------------------------------------------------------------------------------
001905      404,577 GSF
         2,214,084                  19,773
           183,769                  72,897


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*************PROFESSIONAL/SPECIALIZED

004949    1,075,000 GSF
        50,503,908                 120,180
         2,265,600                 395,600


---------------------------------------------------------------------------------------------------------
EASTERN

*************RESEARCH

002139    1,349,513 GSF
         4,386,443    4,934,107    614,211
           232,815      228,398    195,661


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APPA TABLE 5-B: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: EASTERN

INST. ID.	GSF	KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
002803	3,471,727 GSF	56,040,360 3,423,856		12,324 70,700	215,897 954,060			
200023	3,800,000 GSF	47,375,608 2,639,447					PROPANE 36,380 GAL 40,997	
001444	3,978,455 GSF	67,829,193 3,206,674		305,545 1,180,816				
001445	5,500,000 GSF	112,758,369 5,548,654	1,710,635	403,348 1,723,134			LIMESTONE 4,314 TON 90,276	
002707	5,578,294 GSF	79,881,300 7,583,450						
002894	5,786,821 GSF	125,269,069 7,688,778		38,065 21,239		44,004 2,139,090 13,000.0		
001431	5,944,521 GSF	108,648,256 6,445,016		160,173 1,070,619				
002178	8,930,673 GSF	144,942,276 9,173,875		600,000 2,025,000				
************DOCTORATE GRANTING								
200092	2,120,911 GSF	44,449,986 1,965,748		211,968 743,352				

APPA TABLE 5-B: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: EASTERN

INST. ID.	GSF KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
001434	2,180,000 GSF 32,370,168 1,753,040		330,653 223,458				
200043	2,934,676 GSF 95,820,738 4,361,010		538,684 1,506,694				
200082	5,556,000 GSF 73,386,000 2,869,000		428,000 1,792,000				
************COMPREHENSIVE							
003235	404,821 GSF 5,493,512 385,536		9,816 52,037			MOTOR OIL 220 GAL 217	VEHICLE GAS 7,372 GAL 7,842
650678	1,038,864 GSF 9,026,255 858,938		6,494 25,941	73,049 264,556 110,421 154,135			
001422	1,086,003 GSF 20,854,111 1,510,273		87,345 527,440				
029099	1,123,491 GSF 6,500,000 520,000	268,800 10,752	30,000 200,000				
002233	1,230,000 GSF 12,200,000 740,000		12,000 55,000				
003404	1,349,404 GSF 9,695,238 775,619		67,055 462,682				

APPA TABLE 5-B: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: EASTERN

INST. ID.	GSF KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
003238	1,983,253 GSF 24,340,000 1,276,679				17,399 705,026		
002806	3,069,590 GSF 54,896,000 3,628,400			368,756 1,283,400 812,000 471,400			
200042	6,240,693 GSF 77,584,000 3,132,210		524,600 1,597,531				
*************LIBERAL ARTS							
003241	330,000 GSF 2,794,129 251,565		12,500 78,984				
003360	435,000 GSF 2,195,302 170,039		283,541 157,842				
002108	466,500 GSF 6,000,000 300,000						
003243	564,380 GSF 3,865,680 242,567						
002146	639,000 GSF 3,949,994 346,709		24,730 154,513				
003262	684,719 GSF 11,933,200 784,485		22,880 122,912				

APPA TABLE 5-B: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: EASTERN

INST. ID.	GSF KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
003293	743,022 GSF						
	7,578,684		221,339				
	317,900		120,744				
003301	750,000 GSF						
	7,104,848		17,984				
	460,502		105,411				
003385	754,000 GSF						
	4,946,000		8,720				
	463,500		57,700				
003368	874,595 GSF						
	10,353,600		14,906		1,180		
	383,397		67,902		55,121		
					12,600.0		
003298	1,018,085 GSF						
	12,908,826						
	1,019,797						
002039	1,089,370 GSF						
	8,448,000						
	473,920						
003274	1,164,000 GSF						
	6,330,000		10,300	28,500			
	540,000		33,800	93,600			
				73,400			
				20,200			
003284	1,177,000 GSF						
	9,649,300		5,589	18,462			
	522,200		33,700	67,200			
				44,800			
				22,400			
002078	1,186,718 GSF						
	16,620,043		519,828				
	803,814		281,911				

APPA TABLE 5-B: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: EASTERN

INST. ID.	GSF KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
001414	1,300,000 GSF						
	699,000		488,207				
002038	1,345,943 GSF						
	8,454,884					LP GAS	GASOLINE
	545,076					13,652 GAL	
						9,336	
003370	1,396,475 GSF						
	87,380		71,498				
	620,213		219,033				
002829	1,600,000 GSF						
	7,440,000	1,218,300	107,218				
	475,786	77,910	331,934				
002229	1,889,392 GSF						
	15,053,462	1,043,200	9,457				
	942,843	18,141	43,567				
002895	1,951,454 GSF						
	11,543,135		1,442,192				
	800,739		518,115				
002192	1,953,192 GSF						
	8,500,000	826,900	54,569				
	887,000	41,345	160,000				
002115	2,177,926 GSF						
	15,745,000		64,400	14,400			
	1,223,000		175,000	38,000			
*************2-YR., JR. OR TECH.							
003366	500,000 GSF						
	4,451,232		5,314		2,710		
	222,629		30,686		105,022		
					13,100.0		

APPA TABLE 5-B: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: EASTERN INST. ID.	GSF KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
*************PROFESSIONAL/SPECIALIZED							
200010	100,000 GSF 5,600 94,000		200 31,000				
002784	500,000 GSF 12,000,000 1,000,000		10,000				
002639	1,178,788 GSF 10,408,800 856,227		93,810 422,388				
100816	1,500,000 GSF 49,466,400 4,100,000					STEAM 380,000,000 LB 3,150,000 1,000.0	
003278	3,272,241 GSF 92,437,198 6,104,666		88,403 60,566			STEAM 259,980,500 LBS 3,114,217	
MIDWEST							
*************RESEARCH							
001691	1,618,488 GSF 51,246,444 3,580,720		340,037 136,361	3,108,334 796,882			
001739	7,805,804 GSF 139,960,774 9,390,759		182,633 900,917	1,538,092 4,388,599 3,474,562 914,037			
002290	19,402,646 GSF 12,300,000 1,218,000	181,000,000 4,668,000	116,000 536,000		175,250 8,215,000 12,900.0		

APPA TABLE 5-B: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: MIDWEST

INST. ID.	GSF KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
************DOCTORATE GRANTING							
003863	3,302,819 GSF 31,527,478 1,370,340		41,759 205,211			STEAM 212,846 MLBS 1,221,668	
************COMPREHENSIVE							
002354	792,808 GSF 7,943,872 372,005		83,043 229,642				
009058	831,000 GSF 6,864,225 319,580		49,448 184,215				
003868	841,000 GSF 6,909,000 380,000		 4,000			STEAM 16,692,000 LBS 110,000 1,000.0	
003892	841,465 GSF 7,925,577 404,200		17,692 70,768	62,724 193,673			
003144	1,200,000 GSF 12,473,000 585,000		652,600 263,000				
001641	1,418,639 GSF 15,978,545 826,648		1,090 6,976	154,594 481,446 249,241 232,205			
************LIBERAL ARTS							
001826	227,253 GSF 3,109,000 239,000		18,000 84,000				

APPA TABLE 5-B: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: MIDWEST

INST. ID.	GSF KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
003041	340,452 GSF						
	2,541,841		18,181				
	269,264		101,077				
001859	410,000 GSF						
	3,623,406		13,827			dRdf PELLETS	
	165,578		41,406			781 TON	
						30,420	
						17,600,000.0	
003142	450,000 GSF						
	178,000		225,000				
002239	516,624 GSF						
	4,150,611			62,000			
	244,800			180,000			
001850	706,670 GSF						
	5,367,482		56,199				
	313,461		260,108				
003835	961,832 GSF						
	7,455,740		6,942	87,116			
	312,184		39,802	267,465			
002358	975,000 GSF						
	9,614,400		7,754	71,195			
	431,765		20,675	162,615			
				138,149			
				24,466			
002346	1,141,721 GSF						
	9,491,625		926,724				
	323,943		236,595				
002353	1,195,249 GSF						
	9,427,600		122,945				
	643,998		353,286				

APPA TABLE 5-B: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

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REGION:  MIDWEST
INST. ID.  GSF                        UTIL               TRANS                                OTHER SOURCE     OTHER SOURCE
       KWH PURCH.     CO-GEN. KWH    GAS PURCH.(MCF)  GAS PURCH.(MCF)     COAL PURCH.  UNITS PURCH.     UNITS PURCH.
       ELECT. COST    CO-GEN. COST   UTIL. COST       SOURCE COST         COAL COST    COST             COST
                                                      TRANS COST          BTU/TON      BTU              BTU
---------------------------------------------------------------------------------------------------------------------
001788      1,300,000 GSF
          16,356,694                    980,633
             759,068                    445,475

---------------------------------------------------------------------------------------------------------------------
003143      1,384,498 GSF
          13,035,000                      4,011         82,997
             829,185                     13,073        316,488
                                                       287,169
                                                        29,049
---------------------------------------------------------------------------------------------------------------------
001781      1,400,000 GSF
          15,169,947                    155,670        741,287
           1,080,451                     54,064        243,141

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*************2-YR., JR. OR TECH.

002236        729,734 GSF
           5,311,000                     11,183         53,591
             299,573                     52,450        185,425
                                                       117,364
                                                        68,061
---------------------------------------------------------------------------------------------------------------------

*************PROFESSIONAL/SPECIALIZED

001753        266,400 GSF
           6,100,700                      1,138         25,536
             460,600                      5,100         40,300

                                                        48,000
---------------------------------------------------------------------------------------------------------------------
PACIFIC

*************RESEARCH

001328      9,800,000 GSF
             120,000                    287,000
          10,800,000                  1,850,000

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*************DOCTORATE GRANTING

001169      3,237,585 GSF
          34,340,005        525,000      92,695         71,402
           2,821,950         26,000     477,826        167,008

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APPA TABLE 5-B: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: PACIFIC

INST. ID.	GSF KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
*************COMPREHENSIVE							
001117	448,796 GSF						
	400,996	105,394					
003788	814,722 GSF						
	248,314			177,156			
011649	1,100,287 GSF						
	11,219,361		41,419				
	933,166		273,727				
003797	1,153,292 GSF						
	14,034,378		60,052				
	340,000		227,600				
*************LIBERAL ARTS							
003198	555,965 GSF						
	4,852,053		37,657	28,060			
	133,542		122,193	42,655			
003217	652,221 GSF						
	5,792,316		11,600	27,281			
	279,183		72,133	51,718			
001322	867,814 GSF						
	8,014,560		55,827				
	713,124		269,414				
001249	998,963 GSF						
	10,524,181		68,621				
	917,529		334,894				

*************2-YR., JR. OR TECH.

APPA TABLE 5-B: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: PACIFIC

INST. ID.	GSF KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
001341	400,000 GSF 3,270,210 277,445		19,035 126,570				
001173	1,150,000 GSF 2,476,343 855,097		16,369 92,087			STEAM/HEAT 27,847,129 LBS 573,983	RUBBISH COL. 60,628
001625	1,656,774 GSF 17,978,700 887,638		5,500 21,793		7,356 250,104 12,500.0		
*************PROFESSIONAL/SPECIALIZED							
001135	98,000 GSF 1,410,000 133,395		3,338 19,409				
004882	2,531,000 GSF 49,849,325 2,125,742		185,857 93,083				
ROCKY MTN.							
*************COMPREHENSIVE							
002531	592,464 GSF 4,734,898 198,412		43,932 154,093				
*************LIBERAL ARTS							
001347	1,454,071 GSF 13,554,200 518,737		160,466 430,279				
*************PROFESSIONAL/SPECIALIZED							

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APPA TABLE 5-B:  ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR.NON-PUBLIC INSTITUTIONS
              By Region Affiliation, Carnegie Class., and TOTAL GSF reported
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REGION:  ROCKY MTN.
INST. ID.  GSF                     UTIL            TRANS                           OTHER SOURCE     OTHER SOURCE
          KWH PURCH.   CO-GEN. KWH  GAS PURCH.(MCF) GAS PURCH.(MCF)    COAL PURCH. UNITS PURCH.     UNITS PURCH.
        ELECT. COST   CO-GEN. COST UTIL. COST      SOURCE COST        COAL COST   COST             COST
                                                   TRANS COST         BTU/TON     BTU              BTU
------------------------------------------------------------------------------------------------------------------
001070        325,000 GSF
            4,871,892                       8,859
              354,815                      41,343


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SOUTHEASTERN

*************RESEARCH

003535      8,137,094 GSF
          145,133,261     46,755,587       90,092                             50,000
            7,500,576      2,486,795      452,225                          2,084,891
                                                                            12,800.0

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*************DOCTORATE GRANTING

002978      2,017,692 GSF
           19,788,800                     199,094
              861,066                     570,530


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*************COMPREHENSIVE

001556        450,782 GSF
            2,514,359                   1,180,069
              167,042                      74,530


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001479        635,805 GSF
           12,796,078                       5,272
            1,043,584                      32,879


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002927        810,000 GSF
            8,039,740                      52,656
              419,331                     183,203


------------------------------------------------------------------------------------------------------------------
003744      1,914,599 GSF
           22,370,132        250,000        9,286                              7,287   LPG
            1,117,031                      68,426                            345,234          15,085
                                                                                              14,850

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*************LIBERAL ARTS
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APPA TABLE 5-B: ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: SOUTHEASTERN

INST. ID.	GSF KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
002941	437,978 GSF 5,020,112 347,827		282,587 164,800				
002955	456,694 GSF 4,321,298 225,907					PROPANE 6,511 GAL 6,220	
002960	480,056 GSF 4,443,200 227,942		33,218 123,800				
001487	519,434 GSF 11,431,200 571,560		12,945 84,590				
002414	567,500 GSF 7,310,000 461,600		28,645 83,100				
001964	577,025 GSF 4,405,468 163,642			44,149 123,617 123,617 20,300			
003768	1,116,338 GSF 14,019,525 653,850		14,880 70,735	108,974 256,405 64,549			
003434	1,230,996 GSF 16,725,503 875,517		49,498 200,565				

*************2-YR., JR. OR TECH.

INST. ID.	GSF KWH PURCH. ELECT. COST	CO-GEN. KWH CO-GEN. COST	UTIL GAS PURCH.(MCF) UTIL. COST	TRANS GAS PURCH.(MCF) SOURCE COST TRANS COST	COAL PURCH. COAL COST BTU/TON	OTHER SOURCE UNITS PURCH. COST BTU	OTHER SOURCE UNITS PURCH. COST BTU
009629	123,611 GSF 1,920,490 76,046				100 3,900 13,500.0		

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APPA TABLE 5-B:  ELECTRICAL, NATURAL GAS, COAL COSTS, AND "OTHER" TYPES OF FUEL FOR NON-PUBLIC INSTITUTIONS
           By Region Affiliation, Carnegie Class., and TOTAL GSF reported
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REGION:  SOUTHEASTERN
INST. ID.  GSF                     UTIL            TRANS                        OTHER SOURCE     OTHER SOURCE
         KWH PURCH.  CO-GEN. KWH   GAS PURCH.(MCF) GAS PURCH.(MCF)   COAL PURCH. UNITS PURCH.     UNITS PURCH.
        ELECT. COST  CO-GEN. COST  UTIL. COST      SOURCE COST       COAL COST   COST             COST
                                                   TRANS COST        BTU/TON     BTU              BTU
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************PROFESSIONAL/SPECIALIZED

008419      264,374 GSF
          2,040,336
            285,647                      60,000

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001982    1,082,882 GSF
          5,128,800                      51,300                         1,659
            260,387                     154,281                        62,403

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OTHER

************DOCTORATE GRANTING

200920    6,006,114 GSF
        136,079,010                       2,900
          5,099,300                       1,240

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OIL, WATER, AND SEWER COSTS

Table 6-A
Public Institutions by Region 245
  Central *245*
  Eastern *248*
  Midwest *251*
  Pacific Coast *256*
  Rocky Mountain *259*
  Southeastern *261*
  Australasian *265*
  Other *266*

Table 6-B
Non-Public Institutions by Region 267
  Central *267*
  Eastern *268*
  Midwest *272*
  Pacific Coast *274*
  Rocky Mountain *275*
  Southeastern *276*
  Other *277*

APPA TABLE 6-A: OIL. WATER. AND SEWER COSTS FOR PUBLIC INSTITUTIONS

By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: CENTRAL

INST. ID	GSF #2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
CENTRAL								
*************RESEARCH								
001108	5,452,056 GSF							
						32,391		
						45,185	201,444	
003184	7,642,359 GSF							
						66,202,861		
						496,564	195,520	
002516	9,149,556 GSF							
	3,133					1,423,752	871,056	
	2,491					792,589	531,375	
002565	9,471,159 GSF							
				824,684				
				289,654				744,715
003658	13,217,732 GSF							
								11,160,000
								5,014,000
010366	13,960,800 GSF							
						334,224,599	96,777	
						1,050,000	485,008	
*************DOCTORATE GRANTING								
003549	430,457 GSF							
						10,050,000	10,611,000	
						20,100	19,100	
003463	1,304,490 GSF							
						69,679	65,669	135,348
						51,395	65,012	116,407
010300	1,860,179 GSF							
	34,400					93,673		
	18,250					83,940	77,872	
003471	2,631,486 GSF							
						14,952,359	13,396,551	
						122,471	200,426	
009265	2,965,796 GSF							
			123,848					23,262,032
			41,511					436,740
003606	3,599,710 GSF							
						19,264		
								530,250

APPA TABLE 6-A: OIL. WATER. AND SEWER COSTS FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: CENTRAL

INST. ID	GSF	#2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
003656	3,687,903 GSF						218,827	137,817	
							353,158	154,894	
003005	4,688,594 GSF								180,820,000
									367,035
003652	5,867,462 GSF						163,955	100,012	
							257,410	427,727	
001928	6,126,130 GSF				863,500		599,500	599,500	
					313,300		555,700	303,100	
003644	6,315,936 GSF								66,099,439
									544,918
*************COMPREHENSIVE									
003459	638,629 GSF	28,547					13,406	13,406	
		14,588					10,549	14,808	
003466	742,334 GSF			13,152			38,092		
				5,392			42,015	26,447	
001085	765,000 GSF								42,920
									31,319
010115	1,202,723 GSF						92,717	64,901	
							50,646	64,654	
003161	1,388,376 GSF						71,337		
							16,353	5,812	
001926	1,495,056 GSF	7,777					42,022		
		5,944					70,349	15,480	
001927	1,558,718 GSF		34,573		84,530		40,043,800	40,043,800	
			13,795		27,851		35,833	28,136	
003639	1,702,000 GSF						70,100	1,137,510	
							157,770	119,439	

APPA TABLE 6-A: OIL. WATER. AND SEWER COSTS FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: CENTRAL

INST. ID	GSF #2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
002501	2,006,303 GSF							
	2,500					168,002	168,002	
	1,823					172,850	58,959	
002554	2,025,412 GSF							
				50,434				74,313
				24,642				73,188
003665	2,156,262 GSF							
								104,000
								343,000
001950	2,217,230 GSF							
								39,108
								253,729
003624	2,867,058 GSF							
						22,811,096	17,108,322	
						92,623	102,000	
002200	3,093,424 GSF							
	23,654					21,617,000		
	20,839					87,000	80,000	
*************LIBERAL ARTS								
003594	3,882,293 GSF							
						29,324,142	23,459,313	
						444,989	229,799	
*************2-YR., JR. OR TECH.								
003539	343,343 GSF							
								1,200,000
								29,000
007857	359,000 GSF							
								1,410
								10,551
002470	535,000 GSF							
						24,000	24,294	
						21,600	18,464	
008244	568,357 GSF							
								125,987
								23,589
010387	690,531 GSF							
						32,827		

*************PROFESSIONAL/SPECIALIZED

APPA TABLE 6-A: OIL. WATER. AND SEWER COSTS FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: CENTRAL

INST. ID	GSF #2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
005889	1,377,299 GSF							
						57,350	57,350	
						62,541	97,446	
003659	1,707,772 GSF							
	6,700					165,914	136,158	
	4,273					91,852	135,761	
006895	2,212,738 GSF							
						166,760		
						82,757	85,886	
011618	2,507,085 GSF							
								5,573,946
								367,243
004605	2,763,498 GSF							
						343,718	274,438	
						377,354	306,464	

EASTERN

************RESEARCH

INST. ID	GSF #2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
003696	3,813,101 GSF							
	182,000			305,579				224,770
	239,383			187,321				700,325
002588	4,026,280 GSF							
	209,283			1,544,389		22,040		
	162,474			608,021		158,467	399,890	
200098	4,641,460 GSF							
				279,151		249,961		
				174,996		529,351		
200016	4,704,222 GSF							
						283,925	268,386	
						387,997	413,933	
200078	4,940,182 GSF							
				38,235		655,206	743,092	
				29,766		251,783	285,556	
029013	5,859,000 GSF							
	285,501	18,572		3,467,462				
	196,379	9,559		1,810,930				28,834
200039	5,989,742 GSF							
	500,000							
	600,000							

APPA TABLE 6-A: OIL. WATER. AND SEWER COSTS FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: EASTERN

INST. ID	GSF #2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
009554	8,153,490 GSF							
								709,528
								1,014,199
002103	9,517,642 GSF							
	71,412			356,216				747,934
	43,593			98,776				2,687,666
002711	11,200,000 GSF							
				895,067		900,000	800,000	
				415,476		800,000	1,100,000	
006965	12,479,328 GSF							
	80,090					1,371,401	985,280	
	46,452					430,897	855,022	
006964	13,158,043 GSF							
	246,433	589,018		1,352,208				64,991,980
	199,611	359,301		838,369				1,305,949

*************DOCTORATE GRANTING

INST. ID	GSF #2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
003325	1,600,000 GSF							
						85,889	85,889	
						1,456	90,678	
008810	2,709,064 GSF							
					982,618	165,419,280	762,220	166,181,500
					435,161	318,122,244	308,091	626,213
200091	4,940,000 GSF							
	1,062			3,560		840,230		
	1,477			2,185		437,882		
002221	6,440,995 GSF							
				1,216,135				834,250
				608,068				743,254

*************COMPREHENSIVE

INST. ID	GSF #2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
003324	1,201,194 GSF							
						45,625		
003315	1,753,616 GSF							
	4,607							197,740
	3,090							157,026
003328	2,087,980 GSF							
	54,719					112,810	112,810	
	38,681					148,491	193,200	
200045	2,278,020 GSF							
				895,572				
				685,266				

APPA TABLE 6-A: OIL. WATER. AND SEWER COSTS FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: EASTERN

INST. ID	GSF	#2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
002099	2,649,999 GSF	169,251 142,173					202,991 127,477	210,606	
*************LIBERAL ARTS									
003683	452,598 GSF	48,833 37,845	242,497 151,962				17,200	35,883	
200690	1,000,000 GSF								36,727 93,000
*************2-YR., JR. OR TECH.									
009994	200,000 GSF								3,500
007912	235,394 GSF								
007053	300,000 GSF	77,835 45,171						51,000	
006782	300,000 GSF								21,388 64,000
100002	302,000 GSF	20,275 12,795					676,631	18,436	
006788	310,000 GSF								37,500 10,500
007731	382,789 GSF	200,850 120,510					6,252 15,100	12,000 22,800	
002176	409,350 GSF		65,000 32,924						6,009 6,244
200100	412,597 GSF						1,137,042 34,875	1,338,000 68,389	
002058	437,180 GSF	24,300 17,740							1,701,336 56,232

APPA TABLE 6-A: OIL. WATER. AND SEWER COSTS FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: EASTERN

INST. ID	GSF #2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
200099	496,117 GSF							
								33,592
								89,705
002063	541,412 GSF							
	16,880					23,833		
	13,179					11,036	15,340	
002871	565,464 GSF							
	7,000					48,000		
	3,719					23,000	37,500	
002089	584,683 GSF							
	25,770					29,630	29,630	
	34,790					53,611	71,592	
200714	630,000 GSF							
200002	750,000 GSF							
	5,000			15,000				
	5,000			12,000				
200067	942,000 GSF							
								70,865

*************PROFESSIONAL/SPECIALIZED

INST. ID	GSF #2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
002893	664,700 GSF							
	946,120		4,139,037			107,466,711	101,204,011	
	614,979		2,276,471			528,699	747,281	
029013	1,300,000 GSF							
	15,730					190,780	95,390	
	10,787					138,080	92,408	
002104	2,707,549 GSF							
	7,275							280,332
	4,594							336,617

*************OTHER

INST. ID	GSF #2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
200001	607,700 GSF							
	3,892							16,670
	4,043							18,506

MIDWEST

*************RESEARCH

APPA TABLE 6-A: OIL. WATER. AND SEWER COSTS FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: MIDWEST

INST. ID	GSF #2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
001776	8,239,320 GSF							
				1,091,877		980,100	980,100	
				413,938		632,126	495,115	
002329	8,249,995 GSF							
					15,638			507,044
					14,205			544,266
003125	8,600,000 GSF							
	297,449							941,522
	158,124							1,271,055
001869	11,566,963 GSF							
						67,491,786	79,193,752	
						637,561	883,533	
001892	11,851,656 GSF							
				142,517		1,109,630	888,879	
				58,076		1,163,585	1,318,491	
008002	12,640,553 GSF							
	26,303					1,133,000	846,000	
	17,036					699,666	1,058,548	
001825	13,469,479 GSF							
	45,309				4,719	4,037	277,590	
	28,046				4,161	3,839	232,930	
001775	15,890,000 GSF							
	691,116					1,800,000	1,550,000	
	502,579					1,050,000	1,209,000	
003895	16,054,000 GSF							
	13,690					1,950,918	1,950,918	
	11,282					794,772	809,271	
006883	19,319,111 GSF							
	204,754					14,890,800	13,938,140	
	200,086					600,710	1,324,589	
009092	22,362,166 GSF							
	140,739							1,649,435
	86,789							3,426,143

************DOCTORATE GRANTING

INST. ID	GSF #2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
003032	3,247,390 GSF							
								19,725
								368,600
003896	4,671,500 GSF							
								308,612
								212,905

APPA TABLE 6-A: OIL. WATER. AND SEWER COSTS FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: MIDWEST

INST. ID	GSF	#2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
003123	4,990,628 GSF								
									244,432
									496,547
001692	5,300,000 GSF								
		3,428							45,648
		2,399							738,037
007104	5,321,002 GSF								
001737	5,449,087 GSF								
							415,553	415,553	
							387,447	250,277	
001786	5,490,672 GSF								
							39,221,000	42,600,000	
							426,570	252,700	
002330	6,306,389 GSF								
							46,087,357	44,758,178	
							211,269	476,416	
001758	6,469,406 GSF								
						94,000			49,443
						72,700			1,329,800
*************COMPREHENSIVE									
001808	583,821 GSF								
							47,498	47,498	
							13,962	32,909	
009333	652,421 GSF								
		10,845				5,170			1,415,700
		9,432				2,658			22,975
001827	676,000 GSF								
									36,380
003919	1,919,027 GSF								
									49,945
003915	2,100,996 GSF								
		8,850				300			
		6,194				16,295	21,140	23,380	
003924	2,180,180 GSF								
		660							
		403					49,350	67,300	

APPA TABLE 6-A: OIL. WATER. AND SEWER COSTS FOR PUBLIC INSTITUTIONS

By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: MIDWEST

INST. ID	GSF	#2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
002292	2,498,222 GSF								
		94,141							173,590
		51,033							368,000
001674	2,571,770 GSF								
						2,641			15,787,341
						1,994			609,237
002388	2,611,880 GSF								
		80,506			149,000		90,000	90,700	
		55,550			62,580		68,000	111,000	
001890	3,521,746 GSF								
		57,073							226,197
		34,947							326,952
002243	4,121,340 GSF								
					547,046				33,511,273
					280,669				1,234,621
001780	4,250,000 GSF								
					77,138				23,878,700
					34,712				621,987
009563	4,554,064 GSF								
		71,124							
		36,348					500,679	383,811	
*************LIBERAL ARTS									
003109	1,285,539 GSF								
							53,628	49,170	
							104,961	82,977	
*************2-YR., JR. OR TECH.									
002295	137,000 GSF								
008740	171,500 GSF								
007598	284,000 GSF								
									920,096
									33,842
002237	289,266 GSF								
									5,941
001705	310,294 GSF								
							22,870		
							3,905		

APPA TABLE 6-A: OIL. WATER. AND SEWER COSTS FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: MIDWEST

INST. ID	GSF	#2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
002297	312,842 GSF								
									8,312
007170	319,925 GSF								
							32,643		
									37,924
008318	343,840 GSF								
							4,935	8,934	
							16,629	17,669	
009896	346,140 GSF								
									11,562
									18,302
004595	387,660 GSF								
									13,354
006867	447,000 GSF								
									30,000
001769	496,000 GSF								
							15,746	12,852	
002274	496,000 GSF								
003961	733,990 GSF								
									1,945,200
									59,385
006656	1,139,965 GSF								
									14,801
									45,430
010784	1,300,000 GSF								
							184,274		
							63,186	37,867	
003119	1,488,943 GSF								
									76,506
									110,658
008797	1,740,576 GSF								
		74,500				12,000	79,960	62,150	
						9,600	82,027	70,826	

*************PROFESSIONAL/SPECIALIZED

APPA TABLE 6-A: OIL. WATER. AND SEWER COSTS FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: MIDWEST

INST. ID	GSF #2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
900006	178,669 GSF							
						4,602	4,602	
						2,735	1,586	4,321
100001	519,471 GSF							
						25,300	9,232	
007737	1,380,895 GSF							
								17,174
								242,898
009168	1,916,440 GSF							
	101,100					119,000	85,000	
	62,643					47,800	92,000	

PACIFIC

*************RESEARCH

INST. ID	GSF #2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
001626	3,192,422 GSF							
						436,880		
						90,000	43,000	
003223	4,127,010 GSF							
					8,439	201,552	100,274	
					19,241	118,311	202,053	
001320	4,163,295 GSF							
	2,656					334,677	231,334	
	1,508					516,846	162,396	
001319	5,051,250 GSF							
								291,000
								705,000
003210	5,925,380 GSF							
				42,628		188,550	175,840	
				17,579		116,650	219,830	
001317	8,601,000 GSF							
						924,568	924,568	
						924,556	1,328,602	
001313	9,110,382 GSF							
	25,000							1,321,000
	17,000							1,079,000
003800	9,156,000 GSF							
	2,300					800,000		
	1,660					56,000	200,000	

APPA TABLE 6-A: OIL. WATER. AND SEWER COSTS FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: PACIFIC

INST. ID	GSF #2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
001312	12,948,626 GSF							
						943,662		
						1,036,839	431,774	
003798	13,725,400 GSF							
				225,288		903,344	691,118	
				110,983		417,790	1,482,649	
*************DOCTORATE GRANTING								
001620	2,417,465 GSF							
						318,881		
						184,624	19,431	
001321	2,817,013 GSF							
	107,345							192,400
	89,000							432,200
001316	2,818,926 GSF							
								540,607
								352,184
003216	3,203,630 GSF							
	4,202							200,225
	4,687							17,944
000151	4,467,226 GSF							
	55,000					513,542	436,514	
	39,610					308,874	281,874	
*************COMPREHENSIVE								
001138	1,300,000 GSF							
						166,350	39,782	
						98,420	37,396	
003771	1,375,200 GSF							
						1,324,869	224,176	
						58,297	36,495	
001150	1,852,745 GSF							
						18,562	30,310	
001616	2,022,234 GSF							
	3,750					82,600		
	2,700					50,500		49,000
001146	2,125,000 GSF							
						172,331	172,331	
						86,308	61,194	
001147	2,181,420 GSF							
						416,100		
						50,000	64,850	

APPA TABLE 6-A: OIL. WATER. AND SEWER COSTS FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: PACIFIC

INST. ID	GSF #2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
003775	2,208,943 GSF							
				2,354				14,261,898
				1,662				82,599
003802	2,607,800 GSF							
								36,100
								83,700
001143	2,820,462 GSF							
			54,182			406,291	177,350	
			28,160			175,958	83,413	
001136	2,849,091 GSF							
	3,383						23,012	283,857
	2,199						82,844	202,997
001155	4,267,978 GSF							
						280,205	377,251	657,456
						105,232	199,943	305,175

*************LIBERAL ARTS

INST. ID	GSF #2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
008155	1,000,000 GSF							
					2,300	78,641	78,641	
					2,599	54,262	37,984	

*************2-YR., JR. OR TECH.

INST. ID	GSF #2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
029231	193,000 GSF							
						775,668		
						7,538	886	
001615	196,000 GSF							
								12,000
								26,000
008596	307,640 GSF							
						33,075	10,000	
003773	506,200 GSF							
								21,977
								33,351
001250	679,121 GSF							
						107,294		
						126,583		
001161	711,404 GSF							
						64,053	47,045	
						8,600	39,600	
666907	840,676 GSF							
								44,680

APPA TABLE 6-A: OIL. WATER. AND SEWER COSTS FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: PACIFIC

INST. ID	GSF	#2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
001197	1,228,244 GSF								
							65,394		
							56,900		
001265	1,229,579 GSF								
									17,342,600
									269,956
200006	1,905,285 GSF								
						25,300			5,085,284
						22,000			31,000
001189	11,111,618 GSF								
							65,575		
							65,673	63,000	
************PROFESSIONAL/SPECIALIZED									
003209	1,017,333 GSF								
									2,638,950
									51,438
009020	1,028,781 GSF								
							104,952	80,000	
							44,165	114,987	
ROCKY MTN.									
************RESEARCH									
002654	970,528 GSF								
									64,955
									104,578
200087	4,068,170 GSF								
		61,830					594,058	357,061	
		60,291					555,598	317,547	
003932	4,464,987 GSF								
		3,646					36,545,950		
		1,823					216,340		
003677	4,988,026 GSF								
		50,000							403,585
		41,000							96,677
001083	6,172,163 GSF								
							137,760	593,964	
							375,273	417,122	15,492,239
001350	7,138,821 GSF								
									446,600,000
									1,010,000

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APPA TABLE 6-A:  OIL. WATER. AND SEWER COSTS FOR PUBLIC INSTITUTIONS
                 By Region Affiliation, Carnegie Class., and TOTAL GSF reported
=============================================================================================================
REGION:  ROCKY MTN.
INST. ID   GSF
         #2 PURCH.     #4 PURCH.   #5 PURCH.   #6 PURCH.   OTHER PURCH.   WATER CCF   SEWER CCF   WATER & SEWER
         COST          COST        COST        COST        COST           COST        COST        COST
-------------------------------------------------------------------------------------------------------------
003675      7,354,132 GSF
                                                                          1,132,365     656,261
                                                                            460,041     525,009
-------------------------------------------------------------------------------------------------------------
001081      7,381,292 GSF                                                                             4,972,473
            80,000                                                                                      674,986
            75,000
-------------------------------------------------------------------------------------------------------------
001370      7,500,000 GSF
                                                                            469,837     362,885
                                                                            324,330     236,478
-------------------------------------------------------------------------------------------------------------
200140     11,422,000 GSF
                                                                                                        717,821
                                                                                                      1,623,489
-------------------------------------------------------------------------------------------------------------

*************DOCTORATE GRANTING

002536      2,915,730 GSF
             6,250                                                          231,385                     102,474
             4,062                                                          127,374                      51,809
-------------------------------------------------------------------------------------------------------------
002532      4,051,369 GSF
                                                                                                        179,720
                                                                                                        258,208
-------------------------------------------------------------------------------------------------------------
200077      6,571,355 GSF
                                                                                                        405,300
                                                                                                        585,255
-------------------------------------------------------------------------------------------------------------

*************COMPREHENSIVE

002653        777,623 GSF
                                                                         36,951,113
                                                                             74,264      33,264
-------------------------------------------------------------------------------------------------------------
002530        844,729 GSF
                                                                                                         33,136
                                                                                                         29,561
-------------------------------------------------------------------------------------------------------------

*************LIBERAL ARTS

200890      1,343,782 GSF
                                                                                                      5,903,000
                                                                                                        153,244
-------------------------------------------------------------------------------------------------------------
009542      1,375,602 GSF
                                                                                                         70,627
                                                                                                         91,926
-------------------------------------------------------------------------------------------------------------

*************2-YR., JR. OR TECH.
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APPA TABLE 6-A: OIL. WATER. AND SEWER COSTS FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: ROCKY MTN.

INST. ID	GSF	#2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
029242	146,926 GSF								
		120				320			
		198				313			44,637
009543	268,110 GSF								
							83,033		
							18,270	6,910	
007582	290,000 GSF								
001361	550,000 GSF								
									6,000
200044	879,214 GSF								
							1,783,240		
							7,060	13,200	
001365	885,751 GSF								
									17,539,818
									184,542

************PROFESSIONAL/SPECIALIZED

INST. ID	GSF	#2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
004508	1,731,922 GSF								
							11,539	120,752	
							56,181	125,785	
010313	5,400,000 GSF								
							785,320	350,000	
							295,000	190,000	

SOUTHEASTERN

************RESEARCH

INST. ID	GSF	#2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
002029	2,914,448 GSF								
									2,000,578
									609,449
003827	3,000,000 GSF								
							276,152		
									807,529
003509	3,997,552 GSF								
							201,863		
							99,334	94,894	
001569	5,000,000 GSF								
					85,636		252,462	252,462	
					42,342		277,990	302,954	

APPA TABLE 6-A: OIL. WATER. AND SEWER COSTS FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: SOUTHEASTERN

INST. ID	GSF #2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
002423	5,089,353 GSF							60,373,663
003735	5,848,274 GSF							
	85,833	12,594	9,983	493,659				622,430
	64,039	8,529	7,917	240,943				1,087,815
001051	5,976,469 GSF							
								330,036
								430,443
003754	6,274,631 GSF							
				258,636		730,045	621,370	
				134,491		436,859	573,338	
001052	6,421,289 GSF							
								662,252
								1,148,257
006968	6,745,250 GSF							
	337,400					633,690	633,690	
	738,900					453,600	530,700	
003448	7,773,424 GSF							
	378,586							572,409
	320,353							930,560
001598	8,288,954 GSF							
	15,066					746,825		
	13,521					713,515	462,674	
002010	8,419,000 GSF							
						1,120,666	622,185	
						407,600	547,600	
002972	8,779,961 GSF							
				566,120		569,058		
				286,978		942,448		
001989	10,458,305 GSF							
	85,862					287,730	285,720	
	39,688					273,020	336,663	
002974	10,500,000 GSF							
				216,499		827,657	642,013	
				85,794		1,344,282	727,767	
003530	11,204,285 GSF							
						932,407	932,407	
						857,509	788,117	
001535	13,687,555 GSF							
				92,476		1,343,982	722,615	
				86,179		627,472	552,551	

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APPA TABLE 6-A:  OIL. WATER. AND SEWER COSTS FOR PUBLIC INSTITUTIONS
              By Region Affiliation, Carnegie Class., and TOTAL GSF reported
=====================================================================================================
REGION:  SOUTHEASTERN
INST. ID  GSF
       #2 PURCH.   #4 PURCH.  #5 PURCH.   #6 PURCH.   OTHER PURCH.  WATER CCF   SEWER CCF   WATER & SEWER
       COST        COST       COST        COST        COST          COST        COST        COST
-----------------------------------------------------------------------------------------------------

***********DOCTORATE GRANTING

003728     1,740,247 GSF
          117,665                                                      45,912      31,093
           80,546                                                      83,213      29,305
----------------------------------------------------------------------------------------------------
002015     2,076,114 GSF
                                                                      101,000
                                                                      252,000
----------------------------------------------------------------------------------------------------
003705     2,192,995 GSF
           32,288                           323,365                   190,019      59,190
           24,234                           165,513                    59,013     159,401
----------------------------------------------------------------------------------------------------
002976     2,817,649 GSF
          307,796                                                                             178,688
          257,502                                                                             211,745
----------------------------------------------------------------------------------------------------
002441     3,006,124 GSF
                                                                                              355,350
                                                                      227,479     102,119     329,598
----------------------------------------------------------------------------------------------------
002440     3,846,017 GSF
                                                                      487,968     342,246
                                                                      230,000     240,000
----------------------------------------------------------------------------------------------------
001999     4,678,062 GSF
           73,245                                                                             294,906
           75,443                                                                             550,552
----------------------------------------------------------------------------------------------------
003425     5,149,753 GSF


----------------------------------------------------------------------------------------------------

***********COMPREHENSIVE

001546       427,067 GSF

                                                                                               35,943
----------------------------------------------------------------------------------------------------
902013       650,000 GSF
           15,000
            8,850
----------------------------------------------------------------------------------------------------
003826       686,550 GSF
                                                                       36,167      26,326
                                                                       68,661       8,271
----------------------------------------------------------------------------------------------------
001573       730,391 GSF
                                                                    3,675,297   3,674,488
                                                                       18,900      23,202
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001968       904,743 GSF


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APPA TABLE 6-A: OIL. WATER. AND SEWER COSTS FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: SOUTHEASTERN

INST. ID	GSF	#2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
001566	983,226 GSF								
		7,531					22,592	22,592	
003529	1,572,317 GSF								
		26,125							40,146,320
		20,587							73,123
001480	1,896,105 GSF								
			24,538				168,405,500	138,098,100	
			108,429				175,864	328,138	
003732	1,935,365 GSF								
					55,532		670,696	670,696	
					31,098		54,235	227,421	
003522	2,072,614 GSF								
									449,577
									770,859
003749	2,231,480 GSF								
		89,240		911,587					120,862
		64,195		503,610					193,552
002981	2,288,127 GSF								
		17,560			1,137,855		179,283	156,610	
		14,960			562,818		71,564	281,016	
002367	2,600,000 GSF								
							19,765,340		
							184,805	194,856	
001977	3,071,040 GSF								
						16,000	1,861,606		
						13,706	278,521		
002923	3,712,690 GSF								
		306,240					260,727		
		173,904					737,804		
*************LIBERAL ARTS									
003719	1,144,005 GSF								
					497,528				14,295,639
					201,056				45,889
*************2-YR., JR. OR TECH.									
008242	56,341 GSF								
							5,940		
							8,649		
010997	69,835 GSF								
									3,116
									4,800

APPA TABLE 6-A: OIL. WATER. AND SEWER COSTS FOR PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: SOUTHEASTERN

INST. ID	GSF	#2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
004004	150,000 GSF								
									9,600
									3,651
008083	234,781 GSF								
		20,775							4,607
		17,074					6,349	3,845	10,194
008145	264,207 GSF								
									45,466
									65,686
003483	295,135 GSF								
							148,979	71,192	
							4,582	11,121	
007105	376,483 GSF								
							11,633		
							6,426	5,138	
001484	1,665,595 GSF								
		10,125				624			33,260
		7,993				420			107,253
001506	2,000,000 GSF								

*************PROFESSIONAL/SPECIALIZED

INST. ID	GSF	#2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
002013	1,472,896 GSF								
		2,000							128,990
		1,960							291,159
003438	2,977,335 GSF								
		10,304		97,572			352,080	349,789	
		7,152		59,735			208,414	986,284	

AUSTRALASIAN

*************RESEARCH

INST. ID	GSF	#2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
900090	592,034 GSF								
									437,500
									140,000
900030	3,000,000 GSF								
		48,360	68,763				71,690		
		80,626	67,464				54,223		

OTHER

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APPA TABLE 6-A:  OIL. WATER. AND SEWER COSTS FOR PUBLIC INSTITUTIONS
                 By Region Affiliation, Carnegie Class., and TOTAL GSF reported
==========================================================================================================
REGION:  OTHER
INST. ID   GSF
         #2 PURCH.     #4 PURCH.  #5 PURCH.   #6 PURCH.   OTHER PURCH.   WATER CCF   SEWER CCF    WATER & SEWER
         COST          COST       COST        COST        COST           COST        COST         COST
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*************RESEARCH

900035        849,631 GSF

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APPA TABLE 6-B: OIL, WATER, AND SEWER COSTS FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: CENTRAL

INST. ID	GSF	#2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
CENTRAL									
*************RESEARCH									
201350	1,413,183 GSF								
									14,151
*************DOCTORATE GRANTING									
003623	911,205 GSF								
							58,780	58,780	
							33,541	42,736	
003636	2,589,616 GSF								
									22,717,000
									384,000
003613	2,810,000 GSF								
		18,000							18,703,082
		21,125							481,762
006967	3,231,754 GSF								
									261,221
									488,788
*************COMPREHENSIVE									
002482	375,000 GSF								
							16,810	9,384	
							10,815	7,836	
003654	385,000 GSF								
									59,300
003598	433,474 GSF								
									8,287
									8,546
003647	1,878,120 GSF								
									166,248
									220,076
*************LIBERAL ARTS									
003620	619,805 GSF								
									34,955
									72,991
*************2-YR., JR. OR TECH.									

APPA TABLE 6-B: OIL, WATER, AND SEWER COSTS FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: CENTRAL

INST. ID	GSF	#2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
001920	287,460 GSF								11,455 17,577
001905	404,577 GSF						16,053 18,527	16,053 16,656	

************PROFESSIONAL/SPECIALIZED

INST. ID	GSF	#2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
004949	1,075,000 GSF								13,870,415 486,354

EASTERN

************RESEARCH

INST. ID	GSF	#2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
002139	1,349,513 GSF	162,330 114,917			374,100 203,185				56,713 134,977
002803	3,471,727 GSF	45,499 34,356			667,294 329,058		2,788 510,405		
200023	3,800,000 GSF	396,458 303,591			2,655,493 1,206,246		12,807,161 384,180		
001444	3,978,455 GSF	536,011 413,973			279,435 135,644				194,716 558,837
001445	5,500,000 GSF				1,762,779 838,356				585,978 1,680,000
002707	5,578,294 GSF	39,153 27,967			5,469,847 2,924,521				792,000
002894	5,786,821 GSF				157,010 76,848		376,148,000 486,058		
001431	5,944,521 GSF	273,905 207,504	630,073 359,446		895,713 453,955				458,863 1,218,732
002178	8,930,673 GSF	152,000 111,000	70,000 50,000		3,724,208 2,110,425				685,000 1,741,000

APPA TABLE 6-B: OIL, WATER, AND SEWER COSTS FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: EASTERN

INST. ID	GSF #2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
************DOCTORATE GRANTING								
200092	2,120,911 GSF							
						206,899		
						133,337		
001434	2,180,000 GSF							
	111,355	813,707						
	60,528	360,394						
200043	2,934,676 GSF							
	2,105	255		13,731				309,749
	2,878	273		9,020				428,123
200082	5,556,000 GSF							
	8,074		368,500					
	8,992		361,330					
************COMPREHENSIVE								
003235	404,821 GSF							
	22,720	140,630				18,083		
	15,184	69,478				39,751	15,376	
650678	1,038,864 GSF							
	4,320					668	2,611,200	
	3,536					35,576	98,511	
001422	1,086,003 GSF							
	10,090	38,115						154,716
	8,056	26,300						149,859
029099	1,123,491 GSF							
		200,000						35,000
		150,000						150,000
002233	1,230,000 GSF							
	50,000			577,000				28,000
	42,500			240,000				60,000
003404	1,349,404 GSF							
	49,791			77,412				
	43,567			63,478				156,002
003238	1,983,253 GSF							
	29,100					103,684	73,430	
	23,600					162,109	103,426	
002806	3,069,590 GSF							
								20,000,000
								222,300
200042	6,240,693 GSF							
	1,908,009							
	1,847,656							

APPA TABLE 6-B: OIL, WATER, AND SEWER COSTS FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: EASTERN

*************LIBERAL ARTS

INST. ID	GSF #2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
003241	330,000 GSF							
	55,367					799,679	796,679	
	45,190					6,325	18,796	
003360	435,000 GSF							
	36,130	14,833				13,656	13,656	
	25,558	7,093				29,340	26,000	
002108	466,500 GSF							
	29,000			232,500				
	22,000			140,000				36,000
003243	564,380 GSF							
	158,020		148,525					
	98,146		70,928					
002146	639,000 GSF							
	297,017							360,170
	220,823							165,865
003262	684,719 GSF							
	22,300							2,335,040
	21,723							68,343
003293	743,022 GSF							
	111,086					3,026	6,605	
	71,083					29,662	29,130	
003301	750,000 GSF							
	216,507							
	164,580							54,620
003385	754,000 GSF							
	71,100	37,000		395,000		32,660		
	53,200	21,300		196,700		61,640	70,500	
003368	874,595 GSF							
						625,725	692,798	
						6,813	40,734	
003298	1,018,085 GSF							
	51,613					40,882	40,882	
	28,336					70,142	102,237	
002039	1,089,370 GSF							
	44,271		794,973			72,867	67,180	
	29,688		324,064			35,633	79,273	
003274	1,164,000 GSF							
	177,500							3,800
	134,400							102,000

APPA TABLE 6-B: OIL, WATER, AND SEWER COSTS FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: EASTERN

INST. ID	GSF #2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
003284	1,177,000 GSF							
	37,600			66,400				45,300
	23,000			315,200				220,000
002078	1,186,718 GSF							
	17,332							35,406
	13,889							62,622
001414	1,300,000 GSF							
	20,706					82,617	97,716	
002038	1,345,943 GSF							
	102,760			608,747		39,904	31,679	
	145,350			294,066		63,990	80,374	
003370	1,396,475 GSF							
	25,420			53,461		28,080		
	13,620			25,683		44,084		
002829	1,600,000 GSF							
				222,098				39,932
				121,658				
002229	1,889,392 GSF							
	163,497			1,070,197		76,000	76,000	
	122,892			446,744		131,764	138,491	
002895	1,951,454 GSF							
	60,000					125,379		
	65,000					100,303	24,000	
002192	1,953,192 GSF							
	60,000			582,360		93,135	93,135	
	44,400			268,124		51,200	71,000	
002115	2,177,926 GSF							
	198,000			670,000				78,000
	140,000			280,000				185,000

************2-YR., JR. OR TECH.

INST. ID	GSF #2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
003366	500,000 GSF							

************PROFESSIONAL/SPECIALIZED

INST. ID	GSF #2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
200010	100,000 GSF							
						6,486		
						11,500		
002784	500,000 GSF							
	4,000			1,200,000		26,734		
	3,200			702,000		30,000		

APPA TABLE 6-B: OIL, WATER, AND SEWER COSTS FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: EASTERN

INST. ID	GSF	#2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
002639	1,178,788 GSF								
					63,290		6,309,350	4,933,000	
					58,385		116,723	66,596	
100816	1,500,000 GSF								
									500,000
									1,007,000
003278	3,272,241 GSF								
									341,242
									455,898
MIDWEST									
************RESEARCH									
001691	1,618,488 GSF								
					293,059				
					165,577				
001739	7,805,804 GSF								
		50,400							665,409
		43,344							794,263
002290	19,402,646 GSF								
		8,600					1,940,000	1,274,000	
		6,000					480,000	837,000	
************DOCTORATE GRANTING									
003863	3,302,819 GSF								
							194,065	194,065	
							142,226	119,024	
************COMPREHENSIVE									
002354	792,808 GSF								
					36,000				39,209
					17,993				103,490
009058	831,000 GSF								
			6,000						45,168
			4,308						101,800
003868	841,000 GSF								
							19,000	19,000	
003892	841,465 GSF								
		12,000							103,121
		6,500							

APPA TABLE 6-B: OIL, WATER, AND SEWER COSTS FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: MIDWEST

INST. ID	GSF #2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
003144	1,200,000 GSF							
								99,000
001641	1,418,639 GSF							
	42,000					40,311,500	107,817	
	40,572					102,624	58,785	
*************LIBERAL ARTS								
001826	227,253 GSF							
	5,200					962,000	425,000	
	3,800							
003041	340,452 GSF							
	23,626							10,923
	17,611							33,466
001859	410,000 GSF							
	7,200					17,885	17,885	
	4,399					15,413	20,006	
003142	450,000 GSF							
								100,000
002239	516,624 GSF							
						28,968		
						20,668	18,130	
001850	706,670 GSF							
								4,349,433
								123,988
003835	961,832 GSF							
								50,698
								103,931
002358	975,000 GSF							
				134,400				45,746
				53,813				122,344
002346	1,141,721 GSF							
	54,363					5,713,566	5,040,402	
	39,477					42,797	51,978	
002353	1,195,249 GSF							
	46,622							
						65,462	49,711	115,173
001788	1,300,000 GSF							
						64,588		
						53,488	50,934	

APPA TABLE 6-B: OIL, WATER, AND SEWER COSTS FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: MIDWEST

INST. ID	GSF	#2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
003143	1,384,498 GSF	19,098 16,619							50,376 113,199
001781	1,400,000 GSF								138,865
*************2-YR., JR. OR TECH.									
002236	729,734 GSF								31,043 50,342
*************PROFESSIONAL/SPECIALIZED									
001753	266,400 GSF				59,600 24,100				
PACIFIC									
*************RESEARCH									
001328	9,800,000 GSF						540,000	160,000	
*************DOCTORATE GRANTING									
001169	3,237,585 GSF						273,982 187,934		
*************COMPREHENSIVE									
001117	448,796 GSF						40,735		
003788	814,722 GSF								188,358
011649	1,100,287 GSF								114,682 198,760

APPA TABLE 6-B: OIL, WATER, AND SEWER COSTS FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: PACIFIC

INST. ID	GSF	#2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
003797	1,153,292 GSF								
							93,041	93,041	
							54,000	125,000	

*************LIBERAL ARTS

INST. ID	GSF	#2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
003198	555,965 GSF								
							6,330,223	2,593,400	
							18,084	20,981	
003217	652,221 GSF								
			6,000						29,028
			4,920						50,412
001322	867,814 GSF								
							43,165		
									122,475
001249	998,963 GSF								
									122,984
									188,280

*************2-YR., JR. OR TECH.

INST. ID	GSF	#2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
001341	400,000 GSF								
									53,790
									37,455
001173	1,150,000 GSF								
							88,210		
							86,975		
001625	1,656,774 GSF								
							233,774	144,000	
							31,900	37,700	

*************PROFESSIONAL/SPECIALIZED

INST. ID	GSF	#2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
001135	98,000 GSF								
									232,253
									12,988
004[illegible]82	2,531,000 GSF								
					46,264		927,358		
					782,972		207,854	249,320	

ROCKY MTN.

*************COMPREHENSIVE

APPA TABLE 6-B: OIL, WATER, AND SEWER COSTS FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: ROCKY MTN.

INST. ID	GSF	#2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
002531	592,464 GSF								27,000
*************LIBERAL ARTS									
001347	1,454,071 GSF						112,362 111,280	52,790 27,334	
*************PROFESSIONAL/SPECIALIZED									
001070	325,000 GSF						4,480,281 54,112	2,464,154 26,562	
SOUTHEASTERN									
*************RESEARCH									
003535	8,137,094 GSF								721,094 1,832,846
*************DOCTORATE GRANTING									
002978	2,017,692 GSF				182,407 100,809				11,771 129,794
*************COMPREHENSIVE									
001556	450,782 GSF						51,713 55,377		
001479	635,805 GSF								43,916 156,831
002927	810,000 GSF	80,204 63,950							50,846 126,410
003744	1,914,599 GSF	5,065 4,230					85,000 76,000	81,000 128,000	
*************LIBERAL ARTS									

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APPA TABLE 6-B:  OIL, WATER, AND SEWER COSTS FOR NON-PUBLIC INSTITUTIONS
                By Region Affiliation, Carnegie Class., and TOTAL GSF reported
===================================================================================================================
REGION:  SOUTHEASTERN
INST. ID   GSF
        #2 PURCH.     #4 PURCH.   #5 PURCH.    #6 PURCH.    OTHER PURCH.    WATER CCF   SEWER CCF     WATER & SEWER
        COST          COST        COST         COST         COST            COST        COST          COST
-------------------------------------------------------------------------------------------------------------------
002941         437,978 GSF
             40,000                                                                                       5,234,880
             35,000                                                                                          74,784
-------------------------------------------------------------------------------------------------------------------
002955         456,694 GSF
            256,420                                                           2,748,921
            178,629                                                              41,183
-------------------------------------------------------------------------------------------------------------------
002960         480,056 GSF
             52,875                                                                                          27,215
             40,185                                                                                          27,076
-------------------------------------------------------------------------------------------------------------------
001487         519,434 GSF
                                                                              4,364,158     4,364,158
                                                                                 44,790        47,150
-------------------------------------------------------------------------------------------------------------------
002414         567,500 GSF
                                                                                                             37,252
                                                                                                             74,500
-------------------------------------------------------------------------------------------------------------------
001964         577,025 GSF
                                                                                                          3,247,045
                                                                                                            128,509
-------------------------------------------------------------------------------------------------------------------
003768       1,116,338 GSF
             36,300                                                                                       4,155,155
             27,275                                                                                         141,660
-------------------------------------------------------------------------------------------------------------------
003434       1,230,996 GSF
              1,668                   62,074                                    121,267        76,114
              1,398                   31,152                                     60,788        90,542
-------------------------------------------------------------------------------------------------------------------

*************2-YR., JR. OR TECH.

009629         123,611 GSF
             10,000
              6,300                                                                                           4,943
-------------------------------------------------------------------------------------------------------------------

*************PROFESSIONAL/SPECIALIZED

008419         264,374 GSF
                                                                                                             19,098
                                                                                                             25,000
-------------------------------------------------------------------------------------------------------------------
001982       1,082,882 GSF
                                                                                                             60,860
                                                                                                             56,805
-------------------------------------------------------------------------------------------------------------------
-------------------------------------------------------------------------------------------------------------------

OTHER

*************DOCTORATE GRANTING
```

APPA TABLE 6-B: OIL, WATER, AND SEWER COSTS FOR NON-PUBLIC INSTITUTIONS
By Region Affiliation, Carnegie Class., and TOTAL GSF reported

REGION: OTHER

INST. ID	GSF	#2 PURCH. COST	#4 PURCH. COST	#5 PURCH. COST	#6 PURCH. COST	OTHER PURCH. COST	WATER CCF COST	SEWER CCF COST	WATER & SEWER COST
200920	6,006,114 GSF	1,805,909						16,157 552,567	

APPENDIX:
Survey Instrument and Instruction Booklet

APPA COMPARATIVE COST AND STAFFING SURVEY: 1989/90

SECTION ONE: GENERAL DATA

1. FICE #____________
2. INSTITUTION ____
3. PERSON COMPLETING SURVEY __________________________________
4. ADDRESS________________________________ CITY _______________
STATE/PROV __ PHONE (___)-___-____ ZIP/MC __________
5. REGIONAL AFFILIATION ____________
6. TYPE OF ACADEMIC PROGRAM PER CARNEGIE CLASSIFICATION
Please see instructions. Circle appropriate choice: 1 2 3 4 5 6 7
7. MEDICAL/HEALTH FACILITIES DATA INCLUDED IN RESPONSES (yes/no) ___
8. TYPE OF INSTITUTION (1=non-public owned, 2=public owned) 1 2
9. STUDENT ENROLLMENT FOR FALL 1989 (full-time equivalent) __________
10. TOTAL CAMPUS BUILDING AREA (gross square feet) __________
11. PERCENTAGE OF TOTAL BUILDING AREA AIR CONDITIONED ___._%

SECTION TWO: COST AND STAFFING DATA==

	Building Area By Function (GSF)	Cost/Sq.Ft. (000.000)	F.T.E. (000.0)	% OF BUDGET (00.0%)
12. Administration	__________	$ ___.___	___._	__._
13. Engineering/Architecture	__________	___.___	___._	__._
14. Building Maintenance	__________	___.___	___._	__._
15. Custodial	__________	___.___	___._	__._
16. Landscaping/Grounds Maint.	__________	___.___	___._	__._
17. Utilities/Distr. Systems	__________	___.___	___._	__._
18. Motor Pool	__________	___.___	___._	__._
19. Other				
______________	__________	___.___	___._	__._
______________	__________	___.___	___._	__._
______________	__________	$___.___	___._	__._

20. TOTAL PHYSICAL PLANT FTE AS OF JULY 1, 1989 _____
21. BENEFITS AS A PERCENTAGE (%) OF TOTAL COMPENSATION __._%
22. DEFERRED MAINTENANCE BUDGET FOR YEAR ENDING 1990 $ __________
23. TOTAL AMOUNT OUTSTANDING IN CAPITAL RENEWAL/DEF. MNT. $ ____________

SECTION THREE: PERSONNEL DATA==

JOB FUNCTION	TYPICAL STARTING SALARY	UNIONIZED
24. Chief Physical Plant Administrator	_______	___
25. Assoc./Asst. Phys. Plt. Administrator	_______	___
26. Chief Engineer/Architect	_______	___
27. Head Superintendent of Maintenance	_______	___
28. Shop Supervisor/Foreman	_______	___
29. Electrician--Journeyman	_______	___
30. Pipe Fitter/Plumber--Journeyman	_______	___
31. Carpenter	_______	___
32. Painter	_______	___
33. Groundskeeper	_______	___
34. Laborer	_______	___
35. Custodian	_______	___
36. HVAC	_______	___
37. Computer Programmer	_______	___
38. Support Staff (Secr./Clerical)	_______	___
39. General Maintenance	_______	___
40. Technician	_______	___

SECTION FOUR: ENERGY & UTILITIES COST AND CONSUMPTION========================

UTILITY TYPE	UNITS CONSUMED	UNIT	TOTAL ANNUAL COST	BTU/UNIT (where approp.)
41. ELECTRIC (Purch)	______________	KWH	$__________	XXXXXXXXXXXXXXX
42. ELECTRIC (Cogen)	______________	KWH	$__________	XXXXXXXXXXXXXXX
43. NATURAL GAS PURCHASED FROM LOCAL UTILITY	____________	MCF	$__________	XXXXXXXXXXXXXXX
44. NATURAL GAS TRANSPORTED	____________	MCF	$__________	XXXXXXXXXXXXXXX
45. Cost at Source	XXXXXXXXXXX		$__________	XXXXXXXXXXXXXXX
46. Transportation Cost	XXXXXXXXXXX		$__________	XXXXXXXXXXXXXXX
47. OIL				
Grade 2	__________	GAL	$__________	XXXXXXXXXXXXXXX
Grade 4	__________	GAL	$__________	XXXXXXXXXXXXXXX
Grade 5	__________	GAL	$__________	XXXXXXXXXXXXXXX
Grade 6	__________	GAL	$__________	XXXXXXXXXXXXXXX
48. All other types	__________	GAL	$__________	XXXXXXXXXXXXXXX
49. COAL	__________	TON	$__________	______.__/lb.
OTHER ENERGY SOURCES (Description)				
50. ______________	__________	_____	$__________	___________.__
51. ______________	__________	_____	$__________	___________.__
52. WATER	____________	CCF	$____________	
53. SEWER	____________	CCF	$____________	XXXXXXXXXXXXXXX
54. OR WATER & SEWER COMBINED	____________	CCF	$____________	XXXXXXXXXXXXXXX

INSTRUCTION BOOKLET

COMPARATIVE COSTS AND STAFFING SURVEY

1989-90

Association of Physical Plant Administrators
of Universities and Colleges

INTRODUCTION

The APPA Information Services Committee is compiling data for the 1989-90 Comparative Costs and Staffing Report for College and University Facilities.

This is the only comprehensive survey of costs and staffing of physical plants in higher education. Institutions submitting questionnaires will be identified in the report so that users can contact them directly to compare information.

GENERAL INFORMATION

This instruction booklet provides a line-by-line description of each item. The reference numbers on the left-hand side of the survey correspond to the line numbers indicated in the booklet.

All institutions should report costs in their local currency. These figures will not be converted to U.S. dollars.

The fiscal year is defined as a twelve-month accounting cycle that ends no later than September 30, 1990 and covers the operating year spanning the 1989-90 period. Where necessary, please project final costs for that period.

DEADLINE for inclusion in the final report is **June 29, 1990**. Mail completed survey to: APPA Comparative Costs Survey, 1446 Duke Street, Alexandria, Virginia 22314-3492. Or you may fax your survey to APPA at 703/549-2772. Upon publication, one complimentary copy of the report will be sent to each responding institution.

If you have questions while completing the survey, please call Wayne Leroy or Steve Glazner, APPA office, 703/684-1446. We request that the chief physical plant administrator review all data submitted on this form in order to help ensure accuracy and consistency.

SECTION ONE: GENERAL DATA

Line 1. FICE #. This is the Federal Interagency Commission on Education number assigned by the U.S. Department of Education. If you know your institution's number, please insert. Otherwise, we will insert it for you.

Line 2. Institution. Use the name of the institution as it appears on the official institutional letterhead. Do not use abbreviations. Main campus and branch campus sites should coordinate responses to this survey in order to avoid duplication of data or non-responses.

Line 3. Person completing survey. Provide the name of the individual responsible for the survey. This person should be able to answer questions if called by APPA. This name is not published but is used to clarify data. NOTE: The institution's complimentary copy will be sent to this person's attention.

Line 4. Location. Provide the exact mailing address for the person completing the survey. Use the two-letter state or province abbreviation. Others should write out the geographic designation, including name of the country. Also, provide phone number and zip/mail code.

Line 5. Regional affiliation. Indicate the APPA region in which your institution resides.

Line 6. Type of academic program. From the descriptions below (taken from the 1987 Carnegie classifications). Choose the number that best matches your institution and circle it on the survey form:

1. Research Universities: These institutions offer a full range of baccalaureate programs, are committed to graduate education through the doctorate degree, and give high priority to research.

2. Doctorate-Granting Universities: In addition to offering a full range of baccalaureate programs, the mission of these institutions includes a commitment to graduate education through the doctorate degree.

3. Comprehensive Universities and Colleges: These institutions offer baccalaureate programs and, with few exceptions, graduate education through the masters degree.

4. Liberal Arts Colleges: These institutions are primarily undergraduate colleges that award more than half of their baccalaureate degrees in arts and science fields.

5. Two-Year Community, Junior, and Technical Colleges: These

institutions offer certificate or degree programs through the Associate of Arts level and, with few exceptions, offer no baccalaureate degrees.

6. Professional Schools and Other Specialized Institutions: These institutions offer degrees ranging from the baccalaureate to the doctorate. At least 50 percent of the degrees awarded by these institutions are in a single specialized field. Specialized institutions include, but are not limited to, theological seminaries and Bible colleges, medical schools and medical centers, schools of law, engineering, business, art, or music, and teachers colleges.

7. Other.

Line 7. Medical/health facilities. Indicate if the information provided in this survey includes data related to medical and/or health facilities on your campus.

Line 8. Type of institution. Indicate whether non-public owned or public owned. Circle 1 if non-public, 2 if public.

Line 9. Student enrollment. Fall 1989 enrollment data reported in a full-time equivalent (FTE) student enrollment figure.

Line 10. Total campus building area. The sum of floor area located within the outside faces of exterior walls for all stories or areas, having floor space expressed in outside gross square feet (GSF). Include all areas used by the institution, including residence halls, food service operations, bookstores, and other auxiliary enterprises.

Line 11. Total building area air conditioned (percentage). The estimated percentage of reported gross square feet (GSF) that was air conditioned for the budget cycle of 1989-90.

SECTION TWO: COST AND STAFFING DATA

In accordance with the APPA-NACUBO Classification of Accounts, include all space, regardless of funding source, for which physical plant provides services. The building area serviced (GSF) may vary from line to line, depending upon the nature of service provided. To calculate cost per GSF, divide the total budget figure for each category by the square feet in each category. The budget figures considered are to include salaries, benefits, supplies, contract expenses--in short, all budget items.

For example, College ABC has a total of 1 million gross square feet (Line 10). The physical plant department's budget maintains 800,000 gross square feet. The administrative area of physical plant services the entire

800,000 GSF (Line 12) at a total budget cost of $250,000. To determine cost per GSF, divide $250,000 by 800,000 to get $.313. In the third column, you then record the number of FTE employees in each area. Convert all part-time and student workers to full-time equivalent. We encourage the use of 2,080 workhours/year as a basis for arriving at FTE.

The last column associated with Lines 12 through 19 gives you an opportunity to indicate the portion of the total physical plant budget assigned to the performance of that particular cost category. These figures will include supplies, contracted costs, tools, equipment, etc. Divide the budget allocated for that particular line item by the total physical plant budget.

Line 12. Administration. All costs necessary to fulfill the duties of administration for all areas under the jurisdiction of physical plant. These activities include salaries, wages, employee benefits, travel, equipment, and other operating costs required for the chief administrator, assistant administrators of business management, and office personnel. This includes those assigned to payroll, billing, materials ordering, personnel records, and dispatching of work orders for the physical plant organization. Other administrative operating costs include supplies, materials, prorated share of telephones, postage, computer rental, accounting costs, and career training programs. Please relate the cost/sq.ft. to the total area serviced by physical plant--not just space occupied by the physical plant department.

Line 13. Engineering/architecture. All costs necessary to fulfill the duties of engineering and design for all areas under physical plant's jurisdiction. This includes salaries, wages, employee benefits, travel, equipment, and other costs required to provide technical and engineering services necessary to complete functions assigned and funded in physical plant. Includes physical plant staff personnel such as engineers, architects, draftspersons, estimators, schedulers, and planners/coordinators.

Line 14. Building maintenance. Building maintenance includes all costs related to routine repairs and preventive maintenance. The following are included:

-- Salaries, wages, employee benefits, travel, equipment, and other operating costs required to maintain the interior and exterior of buildings.

-- Work by outside contractors to perform building maintenance tasks.

-- Plumbing, heating, air conditioning, and ventilation.

-- Electrical repairs of all types, including primary and secondary systems, certain lamp replacements (requiring special ladders and rigging), and maintenance of outdoor lighting fixtures (excluding energy costs).

-- Carpentry and cabinet making.

-- Painting and glazing.

-- Hardware, locks, keys, closers, and records for same.

-- Roofing and sheet metal work, including downspouts and gutters.

-- Welding and necessary machine work.

-- Elevators and similar equipment.

-- Miscellaneous building repairs such as tuckpointing.

-- General-purpose classroom furniture and equipment within buildings, but not inventoried to a department.

-- Utility distribution systems inside buildings--electrical, heating, process steam, water lines, gas lines, and sewer lines (storm and sanitary).

-- Operating and replacement costs of all equipment, materials, and tools used in building maintenance, excluding hand tools furnished by employees.

-- Elevator operation of non-automatic equipment.

Building maintenance may also provide services on a reimbursable basis to other accounts. Examples of these are auxiliary enterprises, alterations and improvements, new construction, experimental and special teaching support facilities, and departmental inventoried equipment. Do not include these figures in Line 14.

Line 15. Custodial. All areas and costs related to custodial services in building interiors, and exterior functions such as window washing, are included.

-- Salaries, wages, employee benefits, travel, equipment, and other operating costs associated with custodians and supervisors required to clean buildings.

-- Work by outside contractors to perform custodial tasks.

-- Small setups in which materials are stored in the building where they are used.

-- Snow removal on building steps plus five feet (or similar predetermined length) of sidewalk in each direction.

-- Operating costs such as paper, paper towels and tissue, wax, erasers, chalk, cleaners, and other materials and supplies.

Common operations including mopping, sweeping, and waxing floors (sanding and refinishing floors are excluded); dusting, polishing furniture and fixtures such as venetian blinds, partitions, pictures, maps, and radiators; cleaning chalkboards, trays, erasers, and replacing chalk; washing and dusting walls; cleaning and disinfecting commodes and urinals; cleaning and washing other fixtures, walls, and partitions, and replenishing restroom supplies; emptying and cleaning waste receptacles; dusting and cleaning windows and other glass surfaces; sweeping and cleaning entrances; and opening and/or closing building doors and windows.

Custodial services may also be performed on a reimbursable basis to other accounts. Examples of these are auxiliary enterprises, alterations, and improvements, new construction, experimental and special teaching support facilities, and departmental inventoried equipment. Do not include these figures in Line 15.

Line 16. Landscaping and grounds maintenance. Grounds maintenance includes the costs to operate and maintain campus landscapes and grounds, including snow removal, etc. Express costs for landscaping and grounds maintenance IN TERMS OF BUILDING AREA SERVICED.

-- Salaries, wages, employee benefits, travel, equipment, and other operating costs associated with all supervisory and operating personnel.

-- Work by outside contractors to perform landscaping and grounds maintenance.

-- Maintenance of all areas of the campus: growing plants, trees, grass, shrubs, flowers, nursery stock, seed, fertilizers, and plant materials.

-- Maintenance of roads and walks, parking areas, irrigation systems, signs, and other landscape features.

-- Snow removal.

-- Maintenance of golf courses, athletic practice fields, and stadium and varsity fields.

-- Maintenance of physical education, intramural, and ROTC drill fields.

-- Maintenance of open-ditch drainage, fences, retaining walls, and riprap.

- Care of miscellaneous fixed equipment such as benches and shelter houses.

- Operation and replacement costs of all equipment used in connection with grounds maintenance.

Landscape and grounds maintenance may also provide services on a reimbursable basis to other accounts. Examples of these are auxiliary enterprises, alterations and improvements, new construction, experimental and special teaching support facilities, and departmental inventoried equipment. Do not include these figures in Line 16.

Line 17. Utilities production and distribution systems. All costs for heating, cooling, light and power, gas, water, and other utilities necessary for physical plant operation, excluding the cost of fuel and purchased utilities. These costs normally include:

-- Salaries, wages, employee benefits, travel, equipment, and other operating costs associated with all supervisory and operating personnel in connection with utilities.

-- Operation and maintenance of heating and power plant equipment, including water and sewage disposal plants.

-- Operation and maintenance of central control systems and energy management systems.

-- Operation and maintenance of equipment in central air conditioning plants, unitary air conditioners, window units, etc.

-- Operation and replacement costs of all equipment used to produce utilities.

-- Maintenance of utility tunnels, outdoor distribution systems to the building wall for electricity, gas, steam, compressed air, chilled water, high-temperature water, domestic water, and sanitary and storm drains (not including open-ditch drainage).

Line 18. Motor pool. All net costs associated with the operation of a motor pool. Include all expense items for which physical plant is held responsible, such as maintenance and repair of physical plant vehicles, campus vehicles, heavy equipment, etc. Include salaries, wages, employee benefits, travel, equipment, and other operating costs associated with all supervisory and operating personnel in connection with the operation of the motor pool. Do not include costs that are reimbursed by other departments. Be careful not to duplicate expenses already reported in preceding cost and staffing data.

Line 19. Other. Report any other major expense categories not included in Lines 12 through 18, yet which are considered a substantial cost and/or operational responsibility for your department. Specify in one or two words the description. Include all salaries, wages, employee benefits, travel, equipment, and other operating costs associated with all supervisory and operating personnel in connection with the operation of that unit.

Line 20. Total physical plant FTE as of July 1, 1989. Provide the all-inclusive employee count, in FTE, for all areas reporting to physical plant. This figure should not be greater than the sum of FTE reported in Lines 12 through 19; it may often be the same.

Line 21. Benefits as a percentage of total compensation. Divide your department's total net benefits costs (insurance, retirement, etc.), excluding cost of sick leave, vacation, etc., by your total net payroll expense.

Line 22. Deferred maintenance budget. Total amount of dollars budgeted in 1989-90 for capital renewal and deferred maintenance activities. Deferred maintenance is defined by APPA and NACUBO as maintenance projects from prior years and the current year that were not included in the maintenance process because of perceived lower priority status than those funded within available funding. Deferred maintenance includes postponed renewal and replacement maintenance and unperformed unscheduled major maintenance.

Line 23. Total outstanding amount of capital renewal/deferred maintenance as of the end of this fiscal period, projected. Derived from institutional or system formula, facilities self-audit, or other means.

SECTION THREE: PERSONNEL DATA

The seventeen job categories listed cover a range of physical plant employees. Not all job titles or work types are represented. List the typical starting salary for the classification shown, and whether or not that classification, as a rule, has a formal contract with any union. Use annual salary during current fiscal year.

Line 24. Chief physical plant administrator. The highest ranking administrative officer responsible for the operation and maintenance of physical plant for the institution. Titles such as director of physical plant, vice president for facilities, associate or assistant vice president or vice chancellor, director of facilities management, and superintendent of buildings and grounds are common. An institution may report more than one individual in this line when primary responsibility for activities such as planning, construction, and maintenance of facilities are separated within the institution.

Line 25. Associate/assistant physical plant administrator. This position is responsible to the chief physical plant administrator and is in charge of assigned functions with a minimal amount of supervision.

Line 26. Chief engineer/architect. Responsible for engineering and/or architectural design for the institution.

Line 27. Head/superintendent of maintenance. Responsible for one of the major maintenance functions in the physical plant department, such as building maintenance or landscape and grounds maintenance.

Line 28. Shop supervisor/foreman. First- or second-line supervisory position responsible for directing the daily work of skilled and non-skilled employees. An individual shop could have one person in this position for a small crew and one or more assistants for larger crews.

Lines 29, 30, 31, 32. Electrician, pipe fitter/plumber, carpenter, painter. These positions represent some of the skilled trades found in physical plant organizations.

Line 33. Groundskeeper. Semi-skilled trade above that of common laborer. The position requires knowledge in the operation and maintenance of grounds equipment and the care and maintenance of landscape materials.

Line 34. Laborer. Labor requiring no specialized skills, under the direct supervision of a groundskeeper or foreman. Laborers are expected to know how to operate light grounds equipment such as lawn mowers and perform tasks associated with the skilled trades of a common laborer-type.

Line 35. Custodian. Performs duties such as cleaning interior surfaces, dusting, window washing, replacing supplies, and other duties commonly associated with the position.

Line 36. HVAC. Skilled craft that performs all maintenance for heating, ventilating, and air conditioning equipment including fans, controls, damper motors, thermostats, pneumatic control systems, etc.

Line 37. Computer programmer. On-staff person who serves primarily as programmer on computer used for physical plant support.

Line 38. Support staff (secretarial/clerical). Includes typical clerical or secretarial staff.

Line 39. General maintenance. Individuals who might best be considered as general handypersons--not necessarily highly skilled in any one trade, but who perform a wide variety of major maintenance tasks.

Line 40. Technician. Individuals who have a substantial degree of skill, but are not covered in any of the above categories. For example, an electronics technician, or a computer service technician, or an energy management controls system technician, could be represented in this category.

SECTION FOUR: ENERGY AND UTILITIES COST AND CONSUMPTION DATA

We strive to maintain uniformity in the results of the Comparative Costs and Staffing Report. This can be accomplished most effectively if all responses are provided in the standard units of measurement shown on the survey form. We realize that different geographical areas often use a variety of units of measurement. However, conversion formulas can be applied that will reduce all the responses to a common denominator. (Most utility companies will assist you with conversions.) You are the most qualified person to provide this information in the correct format. Project all costs for the fiscal year 1989-90.

Line 41. Electricity purchased. The amount of electricity purchased for fiscal year 1989-90 expressed in kilowatt hours (KWH). Under Total Annual Cost, insert the total cost of the electricity purchased for fiscal year 1989-90.

Line 42. Electricity (cogenerated). The amount of electricity produced through cogeneration during fiscal year 1989-90. Under Total Annual Cost, insert the total cost of electricity produced through cogeneration during fiscal year 1989-90.

Line 43. Natural gas purchased from local utility. The amount of natural gas purchased for fiscal year 1989-90 expressed in the number of thousand cubic feet (MCF). Under Total Annual Cost, insert the total cost of natural gas purchased from utilities during 1989-90.

Line 44. Natural gas: transportation gas. The amount of natural gas purchased from wellhead, broker, etc. during fiscal year 1989-90. Provide your answer in thousand cubic feet (MCF). Under Total Annual Cost, insert the total cost of the natural gas purchased from an alternate source, including transportation charges, special tariffs, etc.

Line 45. Cost at source. Insert the total cost of the gas only at the wellhead, or other originating points as per the contract.

Line 46. Interstate carrier. Insert the total cost to transport the gas from the source to your point of receipt. Include all taxes, tariffs, etc.

Line 47. Oil. The amount of oil purchased for each oil grade identified for fiscal year 1989-90, expressed in gallons purchased. If you purchased oil ... barrels, multiply by 42 for U.S. gallons; multiply by 35 for Imperial gallons. Under Total Annual Cost, insert the total cost of oil purchased for each oil grade delivered to the campus identified for fiscal year 1989-90.

Line 48. All other types. Summarize all other types of oil not listed above.

Line 49. Coal. The amount of coal purchased for fiscal year 1989-90 expressed in tons. Under Total Annual Cost, insert the total cost of coal purchased for fiscal year 1989-90. Include all costs associated with the purchase of coal (mine cost, transportation fees, testing expenses). Under Btu/Unit, insert the average Btu value of the coal expressed in the average of Btus per pound (dry, as received).

Lines 50, 51. Other energy sources. If your campus uses any alternate sources of energy, identify it by name under Utility Type. Specify the unit of measurement under Unit, and the total annual cost for that one type of energy source under Total Annual Cost. Using the same unit of measurement as you reported under Unit, insert the average Btu/Unit in the last column.

Line 52. Water. The amount of water consumed during fiscal year 1989-90, from all sources. Express volume in terms of a hundred cubic feet. (Conversion: 7.48 gallons per cubic foot). Under Total Annual Cost, insert the total cost of water consumed during 1989-90.

Line 53. Sewer. See instructions for Line 52.

Line 54. Water and sewer combined. If you receive a combined bill for water and sewer, and only if the costs cannot be separated, use this line. Otherwise, leave this line blank. Follow the instructions provided for Line 52.

Please use the last page of this survey to provide us with any suggestions you may have regarding the survey and the published report. We appreciate all your comments.

Return your completed survey to: APPA Comparative Costs Survey, 1446 Duke Street, Alexandria, Virginia 22314-3492; or fax your survey to 703/549-2772. **The deadline is Friday, June 29, 1990.** Thank you for your participation!

APPA

Association of Physical Plant Administrators
of Universities and Colleges
1446 Duke Street
Alexandria, Virginia 22314-3492

ISBN 0-913359-56-4